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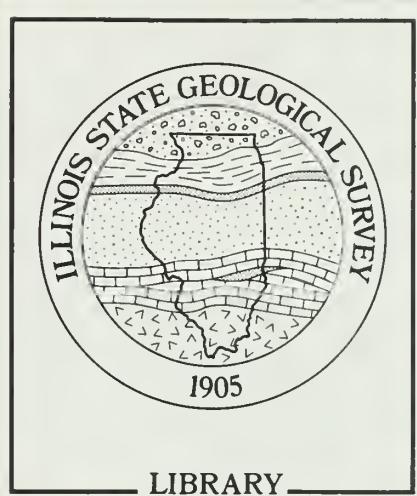
Oil and Gas Developments in Illinois, 1986

Bryan G. Huff

ILLINOIS PETROLEUM 131
1989

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Bryan G. Huff

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Oil and Gas Developments in Illinois, 1986

Abstract

Illinois produced 27,244,736 barrels of crude oil in 1986. The value of this crude is estimated to be \$401.3 million.

New test holes reported for oil and gas numbered 2,435, 7.2 percent more than in 1985. These tests resulted in 1,324 oil wells, 40 gas wells, and 1,071 dry holes. In addition, 78 former dry holes were reworked or deepened and completed as producers, and 31 former producers were reworked or deepened and completed as producers in new pay zones. In oil and gas exploration and development, including service wells, total footage drilled in 1986 was 5,033,778 feet, 13.8 percent less than in 1985.

One new oil field, three gas fields, 32 new pay zones, and 39 extensions to fields were reported in 1986.

Of the 2,435 new holes reported as oil and gas tests in 1986, 512 were 1/2 mile or more from production (wildcats); 43 of these were completed as producers, a success ratio of 8.0 percent. Of the wildcat tests, 306 were drilled more than 1 1/2 miles from production (wildcat fars); they resulted in four producers, a success rate of 1.3 percent.

A total of 19 service wells (e.g. water input, salt water disposal) were reported in 1986.

Acknowledgments

Many individuals in the oil and gas industry have furnished data for this report. I appreciate their cooperation. I am also grateful to Kerry Riley of the Geological Survey, who contributed his time and computer expertise.

Oil production and value

In 1986, Illinois produced 27,244,736 barrels of crude oil, 10.2 percent less than the 30,226,487 barrels produced in 1985.

Table 1a lists by county the number of holes drilled, the footage drilled, and oil production in 1986. Holes drilled include tests for oil and gas and service wells. Production data and other data for each of the oil fields in Illinois are shown in table 8.

Crude oil production figures by fields are received from one source, and those for the state as a whole from another. The latter source, considered more accurate, was used to determine the total production for the state. The discrepancy between the totals accounts for the 1,961,658 barrels of crude oil for which the county and field assignments are not known (tables 1a and 8).

Eleven counties produced more than 1 million barrels of oil each in 1986. Their combined production accounted for 76.4 percent of the total in Illinois.

Fields that produced more than 200,000 barrels of oil each in 1986 accounted for 67.9 percent of the states total production.

On the basis of an estimated average price of \$14.73 a barrel at the wells, the total value of crude produced by Illinois in 1986 was \$401.3 million.

Oil production by county

County	1986 production (bbl)	Percentage of state total
Lawrence	2,919,591	11.5
White	2,603,488	10.3
Wayne	2,142,204	8.5
Crawford	2,108,914	8.3
Marion	1,913,089	7.6
Fayette	1,654,559	6.5
Clay	1,486,487	5.9
Jefferson	1,321,240	5.2
Wabash	1,182,823	4.7
Jasper	1,015,511	4.0
Franklin	1,005,115	3.9
Total	19,353,021	76.4

Oil production by field

Field*	1986 production (bbl)	Percentage of state total
Clay City C	2,963,441	11.7
Lawrence	2,832,583	11.2
Main C	2,016,817	8.0
Salem C	1,831,815	7.2
Louden	1,695,305	6.7
New Harmony C	1,086,329	4.3
Sailor Springs C	765,166	3.0
Phillipstown C	517,554	2.0
Herald C	441,734	1.7
Roland C	432,832	1.7
Albion C	422,040	1.7
Allendale	369,712	1.5
Benton	310,961	1.2
Dale C	300,528	1.2
Divide C	286,740	1.1
Goldengate C	256,473	1.0
Mattoon	240,128	0.9
Mill Shoals	228,361	0.9
Elk Prairie	227,647	0.9
Total	17,226,166	67.9

* C = consolidated

1986 drilling

In 1986, 2,560 well completions in connection with oil and gas exploration and development were processed by the Illinois State Geological Survey (table 1a), up 10.1 percent from 1985. These wells include new holes drilled as oil and gas tests, former dry holes reworked or deepened and recompleted as producers in new pay zones, new holes drilled as service wells, and old holes converted to service wells. The number of permits issued to drill in 1986 was 1,796, compared with 4,491 issued in 1985.

New hole completions processed for oil and gas testing numbered 2,435, up 7.2 percent from 1985. These tests resulted in 1,324 oil wells, 40 gas wells, and 1,071 dry holes. In addition, 78 former dry holes were reworked or deepened and recompleted as oil producers; 31 former producers were reworked or deepened and recompleted as oil producers in new zones. In 1986, 19 service wells (e.g., water input, salt water disposal) were reported, 12 newly drilled and seven old wells converted to service wells.

New holes were drilled for oil and gas in 1986 in 56 of the 102 counties in Illinois. Ten counties accounted for 59 percent of these new holes: Crawford (299), White (200), Wayne (170), Clark (158), Schuyler (131), Jasper (120), Brown (118), Edwards (109), Clay (107), and Lawrence (100).

Total footage drilled in 1986 in connection with oil and gas exploration and development (including service wells) was 5,033,778 feet, 13.8 percent less than in 1985. For the 2,435 new holes reported as oil and gas tests, the total footage was 4,992,829 feet, an average of 2050 feet per well, compared with 2,522 feet per well in 1985.

Table 1b lists natural gas storage activity in 1986.

Discoveries

One new oil field, three new gas fields, and 32 new pay zones in existing fields were reported in 1986 (fig. 1; tables 2 and 3). Thirtynine extensions to fields (7 gas, 32 oil) were also reported during the year (table 4). Two of the new fields produce from Pennsylvanian strata and two produce from the Silurian. Of the 32 new pay zones in fields, 29 produce from Mississippian strata, two from the Devonian, and one from the Silurian.

All of the new fields are small, and extensive development is not anticipated.

Exploration and development

Of the 2,435 new oil and gas tests reported in 1986, 512 were wildcats (1/2 mile or more from known production). Forty-three of the wildcats were completed as producers, a success ratio of 8.0 percent. Of the 206 wildcats drilled between 1/2 and 1 1/2 miles from production (wildcat nears), 39 were producers (7 gas, 32 oil), a success rate of 18.9 percent. The 306 wells drilled more than 1 1/2 miles from production (wildcat fars) resulted in four producers (3 gas, 1 oil), a success rate of 1.3 percent.

The deepest new pay discovery reported was Keating Oil Company's #3 Clara Carroll in Sumpter North field, section 16, T4S-R9E, White County. This well was completed with an initial production of 12 BOPD and 21 BWPD from two previously discovered zones

and a newly discovered St. Louis zone at 3,419 feet.

In 1986, 27 holes were reported drilled to a TD of 4,500 feet or greater. One of these tested Valmeyeran strata, 22 tested the Devonian, one tested the Silurian, and three tested Ordovician zones. The deepest test in 1986 was Ashland Exploration's Knox Dolomite (Ordovician) test, drilled to a TD of 8,728 feet in Harco field, section 6, 8S-6E, Saline County. The #1 Webber Unit tested dry in the Knox but was completed as a producer from the Waltersburg and Tar Springs formations (both Chesterian).

Seventy-five wells were reported in 1986 with initial production of 100 BOPD or more, 15 of these with an initial production of 200 BOPD or more. The highest initial production reported during the year was 432 BOPD from Marion Partlow's #1 Orell Farley, in Hunt City East field, section 31, T8N-R14W, Jasper County. This well was drilled to a TD of 2,334 feet and is producing from McClosky limestone (Valmeyeran). Other notable completions were two Aux Vases (Chesterian) wells in Roland Consolidated field, White County, with initial production of 340 BOPD with 80 BWPD and 250 BOPD respectively.

Fields revived and abandoned

Four abandoned fields were reported revived by successful drilling during 1985: Ritter North, Richland County; Sicily, Christian County; Wakefield, Jasper County; and Hornsby South, Macoupin County.

Eight fields were reported abandoned in 1986: Dahlgren Southwest, Jefferson County; Fayetteville, St. Clair County; Long Branch South, Saline County; Mills Prairie, Edwards County; Watson, Effingham County; Comer, Macoupin County; Hornsby South, Macoupin County; and Griggsville (oil), Pike County. These eight fields had 16 wells and cumulative production of 78,600 barrels of oil.

Geologic column

Figure 2 is a generalized geologic column of southern Illinois. It does not show the Pleistocene deposits that cover much Illinois bedrock, the Tertiary and Cretaceous rocks that occur in a belt across the southern end of the state, or the approximately 8,000 feet of Ordovician and Cambrian rocks between

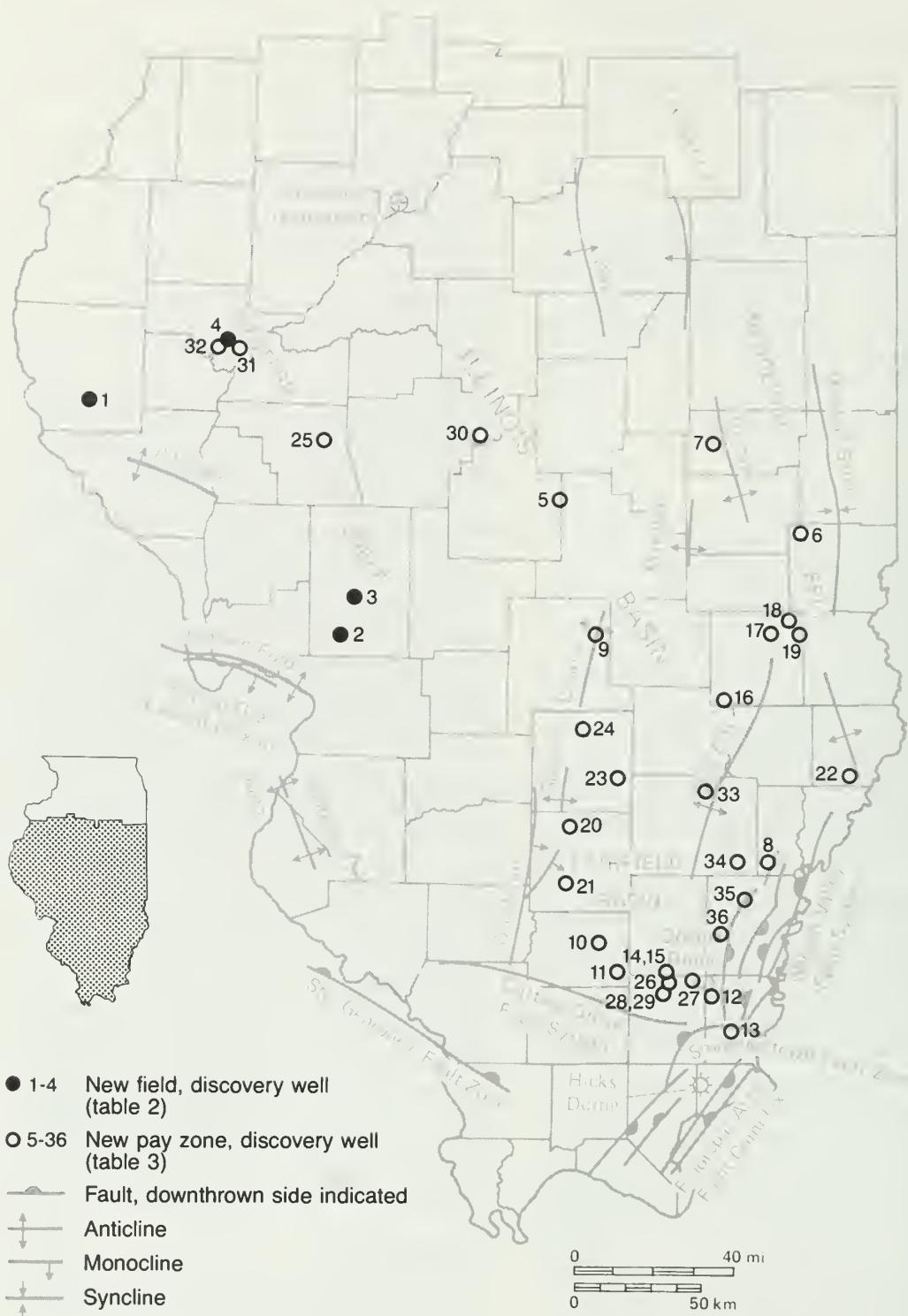


Figure 1 Locations of 1986 new field and pay zone discovery wells (see tables 2 and 3) and major tectonic features of southern Illinois (modified from J. D. Treworgy, 1981).

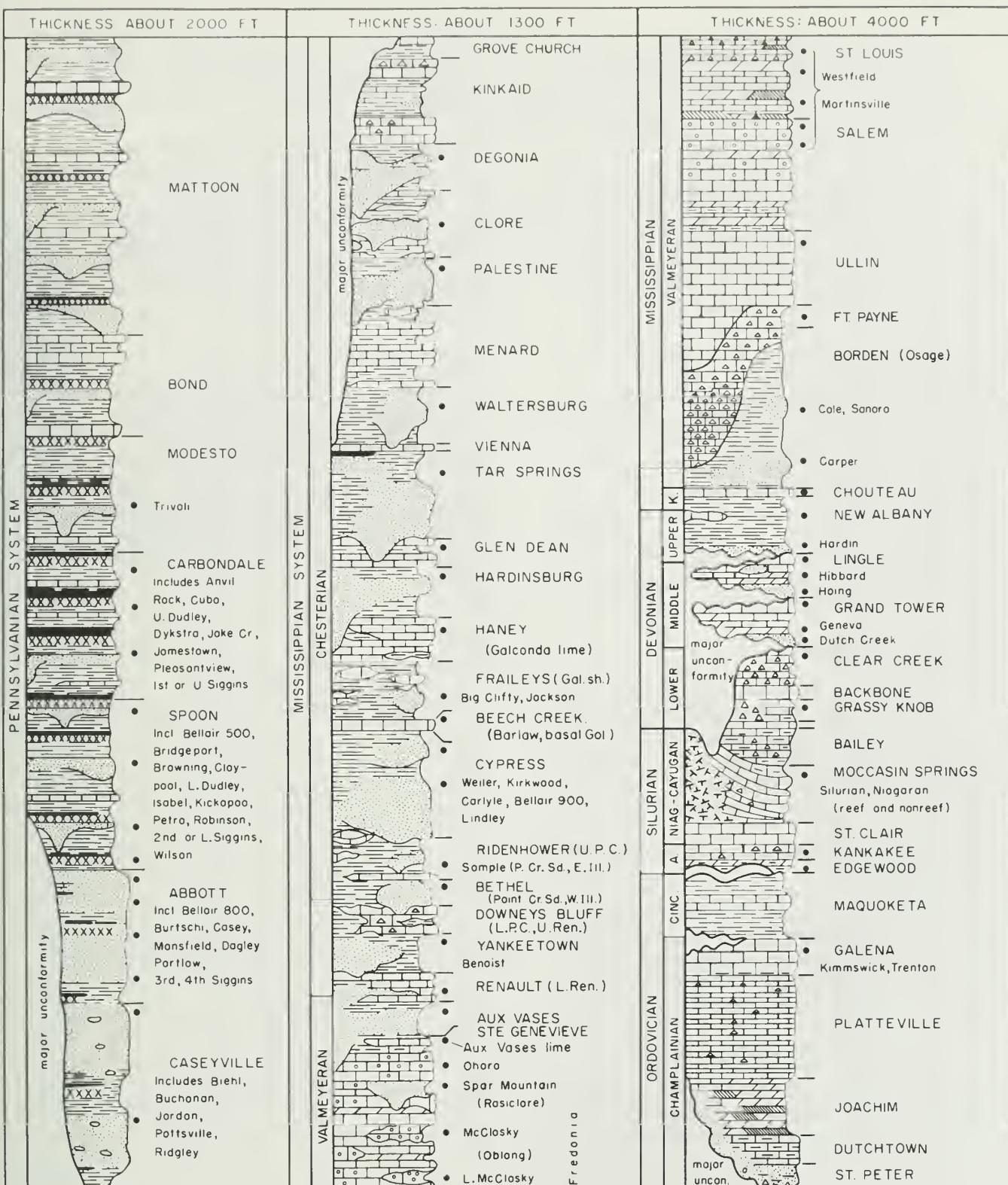


Figure 2 Generalized geologic column of southern Illinois. Solid dots indicate oil and gas pay zones. Formation names are in capital letters; other pay zones are not. About 4,000 feet of lower Ordovician and upper Cambrian rocks under the St. Peter are not shown. The names of the Kinderhookian, Niagaran, Alexandrian, and Cincinnatian Series are abbreviated as K., Niag., A., and Cinc., respectively. Variable vertical scale. (Originally prepared by David H. Swann.)

top of the Precambrian basement. Pay zones are indicated on the geologic column by solid dots.

Productive acreage

An estimated 7,350 acres were added to the oil producing area, and an estimated 400 acres to the natural gas producing area in 1986. The total area in Illinois proven productive of oil is 716,590 acres; the total area proven productive of gas is 39,150 acres. These acreage figures and those listed in tables 7 and 8 are based on known completed wells, their spacing, and surface geometry. The figures are not indicative of the physical limits of a reservoir. In Illinois the normal spacing pattern for oil wells that produce from depths of less than 4,000 feet is 10 acres per well for production from sandstone and 20 acres per well for production from limestone. For wells producing from depths between 4,000 and 6,000 feet, the spacing is 40 acres per well; from depths greater than 6,000 feet, 160 acres per well.

Gas production

A total of 1,887.5 million cubic feet of natural gas was produced and marketed in Illinois in 1986, compared with 1,324.0 million cubic feet in 1985. On the basis of an average price of \$2.57 per thousand cubic feet, the total value of this gas is estimated at \$4.85 million.

Liquified petroleum gas: underground storage

Twelve caverns, resulting from the mining of shale or limestone, provide storage capacity of 3,174,000 barrels of liquified petroleum gases in Illinois (table 6). The gases stored are propane, butane, propylene, and ethane.

Natural gas: underground storage

At the end of 1981, 39 underground natural gas storage facilities in Illinois were operating, being developed, or being studied for their capabilities for storing gas. Gas is now stored in rocks of Pennsylvanian through Cambrian age at depths from 350 to 4,000 feet. These storage facilities could hold as much as 1.6 trillion cubic feet of gas; ultimately, about 1.2 trillion cubic feet of gas will be used. Approximately one-third of stored gas

is working gas readily available for withdrawal and delivery to customers; two-thirds is cushion gas.

Since 1977, one of the major operating companies has curtailed its release of data on storage capacities and withdrawals; consequently we have not collected any data since January 1, 1982. An unrevised table containing summary statistics for natural gas storage facilities is available in the 1981 to 1985 annual reports (I.P.s 124-128).

Natural gas: surface storage

A facility for the liquefaction and storage of natural gas at the Manlove Gas Storage field, Mahomet, Illinois, is being operated by the Peoples Gas Light and Coke Company. Two above-ground tanks are each capable of containing, as liquified natural gas, the equivalent of 1 billion cubic feet of pipeline natural gas measured at standard temperature and pressure.

Table 1A Summary of oil and gas drilling activity and oil production in 1986

County	Production tests						Service wells						Total oil prod (bbl)	
	Permits to drill	Total completions	New holes		OWWO		Prod. to new pay zones		Footage drilled		Conversions			
			Prod.*	D&A	D&A to prod.	* new pay zones	Prod. in new pay zones	Footage production tests	New service wells	Were prod.	Footage drilled service wells	Structure tests	Total footage drilled	
Adams	16	65	2(9)	54	-	(1)	1	39,532	-	-	-	-	39,532	1,793
Bond	13	10	-	8	-	-	-	9,313	-	-	-	-	9,313	74,184
Brown	24	118	9(1)	108	2	-	-	78,140	-	-	-	-	78,140	103,784
Calhoun	-	2	-	2	-	-	-	980	-	-	-	-	980	-
Cass	-	2	-	2	-	-	-	1,870	-	-	-	-	1,870	-
Champaign	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christian	41	41	19	22	-	-	-	82,011	-	-	-	-	82,011	519,257
Clark	92	158	129(1)	24	1	1	1	97,847	2	-	695	-	98,452	289,131
Clay	68	107	58	35	7	7	7	295,716	-	2	5,677	-	301,393	1,486,487
Clinton	26	16	6	10	-	-	-	34,897	-	-	-	-	34,897	240,133
Coles	16	53	32(1)	17	1	1	1	113,842	1	-	-	-	116,722	263,008
Crawford	411	299	254(4)	38	-	-	-	320,030	3	-	-	-	323,458	2,108,914
Cumberland	1	8	5	2	-	-	-	17,887	-	-	-	-	17,887	8,936
Dewitt	2	2	-	2	-	-	-	2,328	-	-	-	-	2,328	49,253
Douglas	19	9	3	6	-	-	-	14,503	-	-	-	-	14,503	4,186
Edgar	7	13	-(6)	7	-	-	-	6,794	-	-	-	-	6,794	62,707
Edwards	50	109	67	30	5	6	6	333,718	1	-	3,176	-	336,894	882,111
Effingham	4	3	1	2	-	-	-	5,612	-	-	-	-	5,612	277,834
Fayette	28	87	58(1)	22	-	-	-	166,491	1	-	1,534	-	168,025	1,654,559
Franklin	56	42	18	21	2	1	1	138,634	-	-	-	-	138,634	1,005,115
Fulton	-	4	-	4	-	-	-	2,957	-	-	-	-	2,957	-
Gallatin	40	64	42(1)	15	5	1	1	137,174	-	1	2,712	-	139,886	390,845
Greene	-	3	-	3	-	-	-	1,819	-	-	-	-	1,819	-
Hamilton	30	43	15	28	-	-	-	153,111	-	-	-	-	153,111	536,266
Hancock	6	4	-	4	-	-	-	3,346	-	-	-	-	3,346	123
Jackson	2	6	-	6	-	-	-	11,325	-	-	-	-	11,325	8,877
Jasper	52	120	71	44	5	5	5	295,530	-	-	-	-	295,530	1,015,511
Jefferson	64	79	45	32	2	-	-	231,640	-	-	-	-	231,640	1,321,240
Jersey	-	3	-(1)	2	-	-	-	1,224	-	-	-	-	1,224	-
Knox	-	3	-	3	-	-	-	1,561	-	-	-	-	1,561	-
Lawrence	86	100	67(1)	24	6	-	-	172,330	2	-	3,498	-	175,828	2,919,591
Livingston	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Logan	4	-	-	-	-	-	-	-	-	-	-	-	-	-
McDonough	3	27	-	27	-	-	-	15,213	-	-	-	-	15,213	4,088
McLean	1	2	-	2	-	-	-	2,136	-	-	-	-	2,136	-
Macon	4	12	4	5	3	-	-	18,472	-	-	-	-	18,472	87,719
Macoupin	27	30	2(4)	24	-	-	-	17,527	-	-	-	-	17,527	10,924
Madison	3	6	1	5	-	-	-	3,325	-	-	-	-	3,325	108,457
Marion	72	77	40	35	-	-	-	214,234	1	-	5,020	-	219,254	1,913,089
Mercer	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Monroe	9	7	4	3	-	-	-	4,440	-	-	-	-	4,440	4,549
Montgomery	2	11	3	8	-	-	-	12,767	-	-	-	-	12,767	7,501
Morgan	3	14	4	10	-	-	-	5,102	-	-	-	-	5,102	1,049
Moultrie	1	2	-	2	-	-	-	4,809	-	-	-	-	4,809	4,361
Perry	5	4	2	2	-	-	-	9,361	-	-	-	-	9,361	11,050
Piatt	-	-	-	-	-	-	-	-	-	-	-	-	-	648
Pike	7	42	-(3)	39	-	-	-	22,637	-	-	-	-	22,637	-
Randolph	1	13	8	5	-	-	-	29,564	-	-	-	-	29,564	.90,640
Richland	76	62	44	15	3	-	-	196,883	-	-	-	-	196,883	849,294
St. Clair	2	9	-	9	-	-	-	11,658	-	-	-	-	11,658	22,061
Saline	35	45	20(2)	21	2	-	-	135,312	-	1	3,088	-	138,400	371,701
Sangamon	7	19	6	12	-	-	-	31,049	-	-	-	-	31,049	82,493
Schuylerville	17	131	7(5)	119	-	-	-	82,721	-	-	-	-	82,721	7,594
Scott	-	1	-	1	-	-	-	830	-	-	-	-	830	-
Shelby	6	13	6	7	-	-	-	22,376	-	-	-	-	22,376	44,482
Wabash	45	52	28	22	2	1	1	130,721	-	-	-	-	130,721	1,182,823
Warren	-	1	-	1	-	-	-	901	-	-	-	-	901	-
Washington	14	36	21	15	-	-	-	89,391	-	-	-	-	89,391	503,467
Wayne	125	170	102	50	16	2	2	557,762	-	-	-	-	557,762	2,142,204
White	167	200	121	54	18	5	5	596,876	1	2	9,241	-	606,117	2,603,488
Williamson	3	1	-	1	-	-	-	4,650	-	-	-	-	4,650	25,551
Production, location unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	1,961,658
Total	1796	2560	1324	1071	78	31	4,992,829	12	-	7	40,949	-	5,033,778	27,244,736

*Gas in parentheses; not included in totals.

#Former D&A and other types of wells, except former producers.

Table 1B Summary of underground natural gas storage drilling activity in 1986

County	Permits issued	Total completions	Injection and withdrawal wells		Service wells	
			New wells	Conversions	New wells	Conversions
No permits and no completions in connection with natural gas were reported.						

Table 2 Discovery wells of four new fields in 1986

Map no.	County and location	Operator, well no., and farm	Field	Initial daily prod.		Prod. depth (ft)	Total depth (ft)	Completion date
				oil/water BBL	gas MCF Pay zone			
1	Adams 25-2S-7W	Okieco Energy Meyer # 2	Adams	1300	MCFG Silurian	409	414	6/28/83
2	Macoupin 6-7N-8W	Sierra Energy Co. Schrier, Kenneth # 1	Woodburn North	650	MCFG Penn.	381	407	1/15/86
3	Macoupin 23-9M-8W	DEC Oil & Gas Co. Rhodes, Albert #1	Macoupin Station	10	MCFG Penn.	337	355	6/ 1/85
4	Schuylerville 6-1N-1W	Concept Resources, Inc. Pfeiffer # 1	Rushville Central	Oil well	Silurian	N/A	N/A	9/30/83

Table 3 Discovery wells of 32 new pay zones in fields in 1986

Map no.	County and location	Operator, well no., and farm	Field	Initial daily prod.	New pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
5	Christian 23-13M-1E	Homco, Ltd. Jones # 2	Assumption Cen	7	St. Louis	1,430	2,489	5/15/86	
6	Clark 31-12N-14W	Tri-Cor Oil Producers Drake, W.W. #T- 4	Westfield	9	Salem	N/A	420	3/15/86	I.P. includes prod. from St. Louis.
7	Douglas 12-15M-7E	White, Carl Yoder # 4	Bourbon C.	5	Chouteau	2,471	2,514	2/27/86	
8	Edwards 32-25-10E	Prior, John Hallam Comm. #1	Ellery S	29/70	Spar Mt.	3,316	3,345	5/26/85	
9	Fayette 32-8M-3E	Exxon Corporation Blurton, Mary #14	Louden	33/472	Renault	1,446	1,770	11/23/85	I.P. includes prod. from Cypress & Paint Creek.
10	Franklin 2-6S-3E	Farrar Oil Co., Inc. Harrelson # 1	Bessie	16	Hardinsburg	2,367	3,869	3/ 4/86	Also field extension.
11	Franklin 8-7S-4E	Benton Oil Prod., Inc. Prior #1	Thompsonville N	85	Spar Mt.	3,062	3,917	5/24/85	
12	Gallatin 7-8S-8E	L & J Oil & Gas, Inc Woolard, C. & A. # 4	Omaha S	22	Ohara	2,904	2,935	8/25/86	
13	Gallatin 25- 9S- 8E	Bi-Ecko Oil Co. Rollman #2	Lawler	1/190	Waltersburg	1,507	1,617	8/30/84	
14	Hamilton 17-7S-6E	Brown Enterprises Brown-Barton # 3	Long Branch	110	Spar Mt.	3,194	3,278	3/ 4/86	
15	Hamilton 17-7S-6E	Brown Enterprises Barton # 4	Long Branch	85/35	St. Louis	3,374	3,395	6/ 3/86	
16	Jasper 16-5N-9E	Dedica Energy Corp. Hall # 1	Wakefield	32	McClosky	3,105	3,115	4/ 1/86	
17	Jasper 32-8M-10E	Tri-Cor Oil Producers Bergbower # 1	Hidalgo S	50	St. Louis	2,721	2,750	3/18/86	I.P. includes prod. from McClosky.
18	Jasper 7-8N-11E	Energy Investments Huddleston, M. # 1	Yale	18/80	Benoist	1,737	1,873	12/15/85	Also field extension. Includes prod. from McClosky.
19	Jasper 32-8N-14W	Bond Oil Prod. Co. Huddleston, Fred # 2	Hunt City E	45	Aux Vases	1,634	1,810	2/15/86	

Table 3 (continued)

Map no.	County and location	Operator, well no., and farm	Field	Initial daily prod.	New pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
20	Jefferson 16-1S-2E	Prior, John Timmons # 1	Salem C	31/380	Renault	1,978	2,460	6/24/86	
21	Jefferson 32-3S-2E	Black Hawk Res. Corp., Jefferson O&G #36X-32	Waltonville	15/40	Salem	3,170	4,410	10/19/81	I.P. includes prod. from Osage.
22	Lawrence 17-2N-12W	S & M Oil Prod. Anderson Bros. # 3	Ruark	14/350	Tar Springs	1,625	1,630	9/26/84	
23	Marion 20-2N-4E	Goose Creek Oil Co. Clifton Comm. # 1	Iuka S	10	Paint Creek	2,488	2,915	12/13/85	
24	Marion 25-4N-2E	Jones, Roger M. Schoonover # 2	Alma	140	McClosky	2,196	2,241	6/14/86	Also field extension.
25	Morgan 9-15M-9W	B.E.S.T. Oil Co. Thornley, A. # 2-B	Jacksonville Gas	4	St. Louis	304	334	9/16/85	
26	Saline 20-7S-6E	Pyramid G.W. Co., Inc. Cole # 2	Long Branch	25/10	Tar Springs	2,364	3,445	9/ 2/86	
27	Saline 27-7S-7E	WILPRO Bramlet et al # 1	Francis Mills	7B	Tar Springs	2,258	3,155	11/ 6/85	Also field extension.
28	Saline 6-BS-6E	Ashland Exploration Inc. Weber, A.E. et al # 5	Harco	84	Waltersburg	2,212	2,400	8/27/85	
29	Saline 6-BS-6E	Ashland Exploration Inc. Webber Unit # 2 Well # 2	Harco	47/145	McClosky	3,174	3,504	3/16/86	I.P. includes prod. from Waltersburg Tar Springs Aux Vases & Rosiclare.
30	Sangamon 3-15N-3W	Beckham, Dwight Morris, Robert # 2	Roby	Oil well	Devonian	1,734	1,810	6/ 3/86	I.P. not available.
31	Schuylerville 21-1N-1W	Longhorn Resources, Inc. Mohlenbruck # 1	Beardstown	650 MCFG	Silurian	568	572	5/29/85	
32	Schuylerville 12-1N-2W	Longhorn Resources, Inc. Morgan # 1	Rushville Central	35/24	Devonian	644	715	2/23/84	Also field extension.
33	Wayne 2-1N-7E	Ring Oil Co. Michels, A. E. # 6	Clay City C	5/400	Paint Creek	2,800	2,803	4/ 1/86	
34	Wayne 31-2S-9E	Friend, Jerry E. Moore #3	Barnhill	35	Cypress	2,962	3,451	8/27/85	OWWO. I.P. includes prod. from Aux. Vases & Rosiclare.
35	White 16-4S-9E	Keating Oil Co. Carroll, Clara #3	Sumpter N	12/21	St. Louis	3,419	4,150	1/ 1/85	I.P. includes prod. from Ohara & McClosky.
36	White 33-5S-8E	Prairie Energy Inc. Storey, Jesse L. #2	Enfield	Oil well	Bethel	N/A	3,492	11/11/85	I.P. not available.

Table 4 Discovery wells of 39 extensions to fields in 1986

County and location	Operator, well no., and farm	Field	Initial daily prod.	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Adams 19-2S-6W	Mason & Jansen Davidson & Wellman # 1	Adams	Gas well	Silurian	N/A	423	8/20/85	I.P. not available.
Adams 36-2S-7W	Okeico Energy Koch # 1	Adams	768 MCFD	Silurian	434	442	8/26/83	
Brown 14-2S-4W	Quest Petroleum Co. Jones # 1	Siloam	157 MCFD	Edgewood	658	671	1/21/83	
Christian 11-14M-2W	Carey, John Oil Co., Inc. Ostermeier Comm. #1	Mt. Auburn C	Oil well	Silurian	2,034	2,106	4/ 8/86	I.P. not available.
Christian 2B-15M-2W	Carey, John Oil Co., Inc. FNB Fels Trust # 1	Mt. Auburn C	Oil well	Silurian	1,892	1,905	10/15/85	I.P. not available.
Edgar B-12N-13W	Zink, Earnest Brinkerhoff #1	Inclose	100 MCFD	Penn.	290	345	6/ 1/85	

Table 4 (continued)

County and Location	Operator, well no., and farm	Field	Initial daily prod.	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Edgar 17-12N-13W	Zink, Earnest Brinkerhoff #2	Inclose	100 MCFD	Penn.	290	330	5/25/85	
Edwards 28-1S-10E	McDowell Bros. Oil Kelsey, Jack # 1	Albion NW	80	Ohara	3,330	3,427	1/14/86	
Edwards 28-1S-10E	McDowell Bros. Oil Kelsey-Pierce Unit # 1	Albion NW	31	Ohara	3,347	3,427	11/ 8/85	
Edwards 16- 3S-10E	Pioneer Oil Company Tait, Warren # 1	Albion C	170	Ohara	3,217	3,279	2/14/86	
Edwards 17-3S-14W	French Creek Company Johnson, Carson # 4	Phillipstown C	3/20	Ohara	3,074	3,175	9/ 5/81	
Franklin 31-5S-3E	O.O. & E. Corporation Bowman, M. # 1	Whittington	47/100	Aux Vases	2,748	2,855	8/15/85	
Franklin 2-6S-3E	Farrar Oil Co., Inc. Harrelson # 1	Bessie	16	Hardinsburg	2,367	3,869	3/ 4/86	Also new pay in field.
Jasper 7-8N-11E	Energy Investments Huddleston, M. # 1	Yale	18/80	Benoist McClosky	1,737 1,824	1,873	12/15/85	Benoist also new pay in field.
Lawrence 12-3N-11W	Anderson, R.E. Oil Co. Stuart Heirs # 1	Beman	1/1	McClosky	1,837	1,860	7/ 6/86	
Macon 23-16N-1E	Carter Oil Prop., Inc. Bourne # 1	Harristown	Oil well	Silurian	N/A	2,065	1/22/85	OWWO, I.P. not available.
Marion 25-4N-2E	Jones, Roger M. Schoonover # 2	Alma	140	McClosky	2,196	2,241	6/14/86	Also new pay in field.
Marion 15-4N-3E	K & K Development Robnett # 1	Kinmundy N	8	Benoist	2,050	2,240	1/ 5/86	
Morgan 24-15N-10W	B.E.S.T. Oil Co. York # 2-B	Jacksonville Gas	18	Penn.	246	280	10/22/85	
Pike 27-4S-3W	Jackson, Michael & Assoc Williamson # 1	Griggsville	Gas well	Silurian	470	475	9/30/83	I.P. not available.
Richland 30-2N-10E	Miller, B. L. Scherer, D. # 1	Calhoun S	210	McClosky	3,233	3,242	2/18/86	
Richland 30-2N-10E	Fulk Oil Company Wyatt, R. # 1	Calhoun S	40/20	Spar Mt.	3,240	3,300	4/ 1/86	
Richland 36-5N-14W	Petdelco, Inc. Gray # 1	Bowyer	15	McClosky	2,853	2,915	7/10/86	
Saline 27-7S-7E	WILPRO Bramlet et al # 1	Francis Mills	78	Tar Springs	2,258	3,155	11/ 6/85	Also new pay in field.
Saline 35-7S-7E	Pyramid, G.W. Co., Inc. Garner, James # 1	Eldorado C	15/50	Aux Vases	2,938	2,987	5/20/86	
Sangamon 8-15N-3W	Carey, John Oil Co., Inc Flatt # 1	Roby W	10/110	Hibbard	1,659	1,687	4/17/85	
Schuylerville 12-1N-2W	Longhorn Resources, Inc. Morgan # 1	Rushville Central	36/24	Devonian	644	715	2/23/84	Also new pay in field.
Schuylerville 12-1N-2W	Midland Minerals Morgan #2	Rushville Central	14	Devonian	640	713	7/19/84	
Schuylerville 3-2N-2W	Two Rivers Petroleum Co. Mundt Corp. Farm # 1	Rushville NW	250 MCFG	Silurian	576	630	5/15/86	
Schuylerville 22-2N-3W	Davis Bros. Oil Prod. Clayton # 1	Erwin	Oil well	Silurian	N/A	566	2/21/86	I.P. not available.
Wabash 15-1S-13W	Smith Operating Co., Inc. Wolf Comm. # 2	New Harmony C	14/40	Bethel	2,450	2,721	10/13/85	
Washington 29-3S-1W	Oelze, Elmer Jr. Pieszchalski #2	Dubois Cen	1/10	Spar Mt.	1,537	1,541	5/20/85	
Wayne 17-1N-9E	Buchanan, Art Taylor, Glen # 2	Mt. Erie N	Oil well	McClosky	3,285	3,290	7/ 5/82	I.P. not available.
Wayne 35-1S-6E	Buchanan, Art Buchanan, Art 'C' Lse # 1	Clay City C	Oil well	Ullin	N/A	4,174	10/23/84	OWDD, I.P. not available.
Wayne 22-1S-7E	Van Oyke Oil Co., Inc. Brown, Wayne #1	Clay City C	70	Salem	3,642	4,025	2/11/85	

Table 4 (continued)

County and location	Operator, well no., and farm	Field	Initial daily prod.	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Wayne 16-1S-9E	Higgins, Charles F. Bailey, Ellis # 2	Locust Grove S	50	Ohara	3,298	3,306	2/25/86	
Wayne 1-3S-5E	Sherman, Clarence Bernard, Estel #1	Mayberry	3	Salem	N/A	5,340	5/ 1/85	
White 32-3S-9E	D & K Oil Co., Inc. Busecker, Walter # 3	Goldengate C	Oil well	McClosky	N/A	3,472	5/10/86	
White 21-6S-9E	Turner, J. D. Hoskins, Phillip #1	Storms C	3/6	Ohara	3,078	3,125	10/23/84	

Table 5 Selected unsuccessful deep tests in 1986

County and location	Operator, well no., and farm	Field or wildcat	Deepest strata tested	Depth to top (ft)	Total depth (ft)	Completion date
Perry 4-4S-1W	Clarence Sherman Bejma #2	Dubois Consol.	Knox	?	5504	9/2/85
Wayne 36-2S-5E	Clarence Sherman Neff #2	Mayberry	Dutch Creek	5249	5288	7/11/85
Wayne 23-2N-5E	Ill. Basin Explor. Bungarner #1	Wildcat far	Devonian	4408	4836	10/23/85

Table 6 Underground storage facilities for liquified petroleum gases in Illinois, January 1, 1986

Company	Location	Type of storage	Approx. depth (ft)	Stratigraphic unit	Capacity (bbl)
General Facilities, Inc.	Wood River, Madison County	Mined limestone	400	Valmeyeran (Mississippian)	80,000
Hydrocarbon Transportation, Inc.	Morris, Grundy County	Mined shale	1,450	Eau Claire (Cambrian)	150,000
Hydrocarbon Transportation, Inc.	Lemont, Will County	Mined shale Mined shale	304 358	Maquoketa Maquoketa (Ordovician)	250,000
Mid-America Pipeline Co.	Farmington, Peoria County	Mined shale	260	Pennsylvanian	440,000
Phillips Petroleum Co.	Kankakee, Kankakee County	Mined shale	300	Maquoketa (Ordovician)	260,000
Shell Oil co.	Wood River, Madison County	Mined limestone Mined limestone	430	Valmeyeran (Mississippian)	500,000 232,000
Tuloma Gas Products Co.	Wood River, Madison County	Mined limestone Mined limestone	400	Valmeyeran (Mississippian)	190,000 50,000
U.S. Industrial Chemicals Co.	Tuscola, Douglas County	Mined limestone and siltstone	350	Pennsylvanian	170,000 800,000
Warren Petroleum Corp.	Crossville, White County	Mined shale	--	Pennsylvanian	52,000
				Total	3,174,000

Table 7 Illinois oil field statistics, 1986; explanation of abbreviations and symbols

Field:	N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Fields located in two or more counties have county names listed in order of oil discovery.
Age:	PC, Precambrian; Cam, Cambrian; Ord, Ordovician; Shk, Shakopee; Stp, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian.
Kind of rock in pay zone	D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; : OL, oolitic limestone; S, sandstone.
ABD:	Field abandoned.
REV:	Field revived.
Structure/ trap:	A, anticline; C, stratigraphic trap; D, dome; F, faulting; H, strata horizontal or nearly horizontal; L, lens; M, monocline; R, reef; Rd, reef drape; T, terrace; U, unconformity. Combinations of letters are used when more than one factor applies.
+	Field listed in table 8 (gas production).
*	Field has been or is under waterflood.
++	Illinois portion only.
#	Acreage is included in the immediately preceding figure.
x	Correct entry not determinable.

Table 7 Illinois oil field statistics, 1986

Pool, county location by township and range	Pay zone Name and age	Depth (ft)	Year of dis- covery	Area in acres	Production (1000 barrels) During 1986	To end of 1986	Number of wells			Character of oil		Pay zone Kind of rock ess	Depth Zone (ft)
							Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned in 1986	Pro- duc- ing end of year	Sul- fur per- cent		
Ab Lake, Gallatin, 8S, 10E													
Pennsylvanian	805 1957	120	1947	40	1.4	142.6	14	4	1	6	35	S	M
Palestine, Mis	1835 1954	10	1835	10			4	0	0		36	S	MF
Waltersburg, Mis	2000 1957	40					1	0	0		37	SS	M
Renault, Mis	2735	20					3	0	0		35	SS	8
Aux Vases, Mis	2770	50					2	0	0		35	S	MF
							5	4	0		35	S	9
Ab Lake South, Gallatin, 9S, 10E													
Aux Vases, Mis	2798 1959	20	20	0.0	3.8	ABD 1963, REV 1984	2	0	0	1	36	S	M
*Ab Lake West, Gallatin, 8-9S, 9-10E													
Pennsylvanian	725 1954	460	1950	50	0.4	551.0	35	0	1	16	35	S	M
Waltersburg, Mis	2020 1956	300	1835	30			3	0	0		37	SS	ML
Tar Springs, Mis	2075 1958	30					19	0	1		38	SS	10
Cypress, Mis	2425 1954	10					2	0	0		36	SS	ML
Aux Vases, Mis	2735	180					1	0	0		36	SS	9
McClosky, Mis	2830	20					18	0	0		38	L	6
							2	0	0		38	L	MC
*Aden C, Wayne, Hamilton, 2-3S, 7E													
Aux Vases, Mis	3200 1938	2540	1938	1620	39.8	13718.7	141	3	1	63	39	S	A
Ohara, Mis	3290 1943	2130	1943				68	1	1		35	L	7
Spar Mt., Mis	3320 1943	#	3320	1943			12	2	0		35	LS	AC
McClosky, Mis	3350 1938	#					6	0	0		35	LL	4
Salem, Mis	3735 1948	90					84	0	0		35	LL	A
Ullin, Mis	4132 1959	80					12	1	0		36	LL	16
Lingle, Dev	5182 1968	10					7	0	0		39	LL	16
Dutch Creek, Dev	5318 1959	30					1	0	0		40	S	AC
							3	0	0		40	S	10
Aden East, Wayne, 2S, 7E													
McClosky, Mis	3434 1961	10	10	0.0	0.0	ABO 1961	1	0	0	0	39	OL	6
*Aden South, Hamilton, 3S, 7E													
Aux Vases, Mis	3245 1945	380	1945	170	0.5	867.6	32	1	1	9	39	S	A
Ohara, Mis	3310	380	1946				10	1	1		37	8	AL
Spar Mt., Mis	3330	#	3330	1943			3	0	0		37	LS	8
McClosky, Mis	3395 1945	#					8	0	0		37	LS	9
Salem, Mis	4190 1983	10					18	0	0		38	L	4
*Akin, Franklin, 6S, 4E													
Cypress, Mis	2840 1942	770	1942	220	2.9	2481.4	60	0	0	9	35 0.14	S	M
Aux Vases, Mis	3100	530					14	0	0		37 0.12	S	AL
Ohara, Mis	3100 1956	70	1956				41	0	0		38	LL	18
McClosky, Mis	3270 1943	#					4	0	0		38	LL	9
							1	0	0		38	LL	AC
Akin West, Franklin, 6S, 4E													
Cypress, Mis	2715 1950	160	1948	30	3.7	275.2	11	0	1	7	35	S	A
Ohara, Mis	3050 1948	110	1948				2	0	1		37	10	AL
Spar Mt., Mis	3080 1948	#	3080	1948			3	0	0		37	12	AC
McClosky, Mis	3130	#					2	0	0		39	LL	4
Salem, Mis	3663 1962	10	3663	1962			3	0	0		38	LL	10
Ullin, Mis	3994 1962	20					1	0	0		37	L	10
Albion Cen, Edwards, 2S, 10E													
Ohara, Mis	3350 1955	140	1955	140	1.1	147.1	11	0	0	5	37	LS	5
Spar Mt., Mis	3427 1982	#					10	0	0		37	LS	5
McClosky, Mis	3395	#					1	0	0		37	LS	4
*Albion C +, Edwards, White, 1-3S, 10-11E, 14W													
Mansfield, Penn	1650	9900	1940	2100	422.0	36482.3	832	33	5	452	28	5	AM
Bridgeport, Penn	1900	#					7	0	0		29 0.16	S	MF
Biel, Penn	2000	1944	1944	#			30	0	0		37 0.16	SS	15
Oegonia, Mis	2125	20					174	3	0		35	SS	15
Waltersburg, Mis	2365	1949	1949	760			3	0	0		36	SS	9
Tar Springs, Mis	2460	1944	1944	200			74	1	0		37	SS	16
Hardinsburg, Mis	2635	70					12	0	0		37	SS	5
Cypress, Mis	2860	1290					6	0	0		36	SS	10
							102	8	1		37	S	A

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of depth (ft)	Area proved in covery acres	Production (1000 barrels)			Number of wells				Character of oil		Pay zone Kind of rock ess	Deepest test Zone
				Ouring 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing year 1986	Sul- fur per- cent GR. API	Str- ucture Zone			
*Albion C +, Edwards, White, 1-3S, 10-11E, 14W												(Continued from previous page)		
Paint Creek, Mis	2926	1984	20			2	1	0				S	4	
Bethel, Mis	2960		1370			95	1	1		36		SS	14	AF
Benoist, Mis	3000		1000			77	6	1		34		SS	13	AF
Renault, Mis	2988	1980	250			24	4	0				SS	8	
Aux Vases, Mis	3045	1942	2700			193	7	1		37		SS	18	AF
Ohara, Mis	3110	1943	4010			43	2	0		40		LL	5	AC
Spar Mt., Mis	3130		#			33	1	0		38		LL	10	AC
McClosky, Mis	3200	1940	#			183	7	1		37		LL	12	AC
St. Louis, Mis	3310	1983	40			4	0	0				LL	6	
Salem, Mis	3596	1980	100			8	1	0				LL	8	
Ullin, Mis	3968	1980	70			7	1	0				L	10	
*Albion East, Edwards, 2S, 14W														
Cypress, Mis	2800	1943	1620	37.0	2742.5	131	4	0	77			S	7	A
Bethel, Mis	2920		340			27	0	0	32			SS	6	AL
Benoist, Mis	2925		170			11	0	0	38			SS	10	AC
Renault, Mis	3001	1980	250			27	2	0	38			SS	8	
Aux Vases, Mis	3020		50			3	0	0				SS	17	AL
Ohara, Mis	3100	1943	400			29	1	0	34	0.14		SS	7	A
Spar Mt., Mis	3125	1947	#			17	1	0	38			LL	7	A
McClosky, Mis	3155		#			26	0	0				LL	7	
St. Louis, Mis	3260	1983	20			22	0	0				LL	1	
Albion Northwest, Edwards, 1S, 10E														
Ohara, Mis	3280	1967	130	27.1	107.8	11	3	0	9			L	6	Mis
McClosky, Mis	3300	1984	130	#		7	3	0				L	6	
Albion West, Edwards, 3S, 10E														
Ohara, Mis	3230	1953	40	1.3	19.7	3	0	0	2			L	8	Mis
McClosky, Mis	3375	1976	40	#		2	0	0				L	5	
ABO 1953, REV 1976														
*Allendale, Wabash, Lawrence, 1-2N, 11-13W														
Pleasantview, Penn	660	1912	10780	369.7	25421.5	1278	19	18	401			S	30	AM
Bridgeport, Penn	1070		6870	#		4	0	0				SS	12	AM
Buchanan, Penn	1290		#			0	0	0				SS	15	AM
Biehl, Penn	1450		#			758	7	5	33			SS	20	AM
Jordan, Penn	1490		#			30	1	0				SS	10	AM
Waltersburg, Mis	1540		380			33	0	0	31			SS	15	AM
Tar Springs, Mis	1600		330			29	0	0	30			SS	20	AM
Hardinsburg, Mis	1780		10			2	0	0	34			SS	10	AM
Cypress, Mis	1920		2110			113	3	8	34			SS	10	AM
Sample, Mis	1769		1340			13	0	1	35			SS	10	AM
Bethel, Mis	2010		#			106	0	0	35			SS	10	AM
Aux Vases, Mis	2280		180			14	0	0	37			SS	12	AM
Ohara, Mis	2300		1400			33	1	4				LS	10	AM
Spar Mt., Mis	2300		#			18	2	0				LS	5	AM
McClosky, Mis	2300		#			47	6	2	36			SS	8	AM
St. Louis, Mis	2275	1967	50			5	0	2	39			LL	15	
Salem, Mis	2774	1966	100			8	0	0	39			LL	10	
Ullin, Mis	2806	1966	40			3	0	0	39			LL	12	
ABD, REV 1982														
Alma, Marion, 4N, 2E														
Cypress, Mis	1805	1941	120	7.4	107.0	10	1	0	4			S	7	Dev
Benoist, Mis	1945	1942	10			1	0	0	35			SS	8	AL
Aux Vases, Mis	2065	1982	80			8	0	0	36			SS	3	AL
Spar Mt., Mis	2085	1941	30			2	0	0				SS	10	AC
McClosky, Mis	2196	1986	40			2	0	0	36	0.26		LL	6	
ABD, REV 1982														
Amity, Richland, 4N, 14W														
Aux Vases, Mis	3060	1942	90	1.4	75.8	7	0	0	4			S	10	Mis
Spar Mt., Mis	2940	1983	10			1	0	0				OL	6	
McClosky, Mis	2960	1942	90			1	0	0	36			OL	5	MC
ABD, REV 1982														
Amity S, Richland, 4N, 14W														
Spar Mt., Mis	2890	1953	390	7.0	191.1	26	1	0	22			L	4	Mis
McClosky, Mis	2905	1981	80			26	1	0	38			L	3	
ABD, REV 1979														

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels) During 1986	To end of 1986	Number of wells			Character of oil		Pay zone Kind of rock	Depth Zone (ft)			
						Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned end of 1986	Pro- duc- ing year	Sul- fur per- cent	Thi- ckn- ess	Str- uct- ure			
Amity W, Richland, 4N, 14W													Mis	3145	
	Aux Vases, Mis	1953 2925	1953 1953	40 10 30	0.0 0.0	3 1 2	0 0 0	0 0 0	2 38	S S S	12 5				
	Spar Mt., Mis	2953	1981		ABD 1954, REV 1981										
*Ashley, Washington, 2S, 1W													Trn	4335	
	Benoist, Mis	1953 1430	1953 1983	220 210 10	7.1 542.4	16 15 1	0 0 0	0 0 0	14 30	S L	7 34				
*Ashley E, Washington, 2S, 1W															
	Benoist, Mis	1636	1969	60	0.2	67.3	5	0	0	5	S	6	Mis	2030	
Ashmore E, Coles, 13N, 14W													Oev	1228	
	Pennsylvanian	415	1956	60	0.0	0.8	6	0	0	4 30	S	14			
				ABD 1957, REV 1962											
Ashmore S +, Coles, Clark, 12N, 10-11E, 14W													Trn	2260	
	Pennsylvanian	420	1958	350	0.6	59.5	25 24	0 0	0	12 24	S L	X 17	AL		
	Mississippian	475	1963	350 20			1	0	0	38					
Assumption Cen, Christian, 13N, 1E													Sil	2566	
	Cypress, Mis	1961 1176	1985 1984	220 10	54.6 190	128.7	18 14	2 0	1 0	16	S S	10 7			
	Benoist, Mis	1220	1984	190											
	St. Louis, Mis	1430	1986	10			1	1	0						
	Devonian	2433	1961	20			2	1	1	38	L	4			
				ABO 1961, REV 1984											
*Assumption C, Christian, 13-14N, 1E															
	Benoist, Mis	1948 1050	1949 1949	2590 590	76.2	10881.8	203	1	0	70 36	S S	13 4	A AL	Ord	3070
	Spar Mt., Mis	1170	1949	220			47 17	0 0	0	40					
	Lingle, Dev	2300	1948	2430			141	1	0	38	L	8	A		
Assumption S, Christian, 12N, 1E													Sil	2800	
	Lingle, Oev	2630	1951	60	0.5	27.0	4	1	0	2 39	L	15			
Ava-Campbell Hill +, Jackson, 7S, 3-4W															
	Cypress, Mis	780	1916	140	0.0	25.0	16	0	0	0 36	S	18	A	Trn	3582
Baldwin, Randolph, 4S, 6W															
	Silurian	1535	1954	30	0.2	15.2	3	0	0	1 32	L	x	R	Trn	2234
Bannister, Marion, 2N, 3E															
	Aux Vases, Mis	2570	1973	10	0.0	8.6	1	0	0	0	S	5		Oev	4226
				ABO 1978											
*Barnhill, Wayne, White, 2-3S, 8-9E															
	Cypress, Mis	1939 2962	1985 1985	3130 10	139.6	7181.4	267	8	0	145	S	4	A	Dev	5560
	Aux Vases, Mis	3325	1943	1390			112	3	0	39	S	15	AL		
	Ohara, Mis	3370		1770			23	3	0		OL	6	AC		
	Spar Mt., Mis	3400		#			24	1	0		LS	9	AC		
	McClosky, Mis	3450	1939	#			89	0	0	38 0.17	OL	15	AC		
	St. Louis, Mis	3520		60			6	0	0	38	L	7	AC		
	Salem, Mis	3795		760			44	4	0	39	L	8	AC		
	Ullin, Mis	4215		30			3	0	0		L	11			
*Bartelso, Clinton, 1-2N, 3W															
	Cypress, Mis	1936 985	1936 1939	620 420 440	19.3	4379.4	117 76 42	1 0 1	2 1 1	42 36 42	S L	15 12	D O R	Stp	4212
*Bartelso E, Clinton, 1N, 3W															
	Silurian	2550	1950	220	16.4	1008.2	24	3	0	19 42	L	7	R	Sil	2900

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of dis- covery (ft)	Area in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone Kind of rock 3	The- depth Zone (ft)		
				During 1986	To end of 1986	Com- pleted to end of 1986	Re- port- ed in 1986	Aban- doned end of 1986	Pro- duc- ing year 1986	Sul- fur per- cent API				
Bartelso S, Clinton, 1N, 3W	Devonian	2475	1942	60	0.0	23.7	3	0	0	0	40	0.15	L	3 A Oev 2652
				ABO 1962										
Bartelso W, Clinton, 1N, 3-4W	Cypress, Mis	960	1945	290	0.9	111.8	22	0	0	11	36		S	15 A Sil 2600
	Silurian	2439	1961	290	10		19	0	0		40		L	7 A Sil 2600
							1	0	0					
*Beaucoup, Washington, 2S, 2W	Clear Creek, Oev	3050	1951	280	0.0	389.6	14	0	0	10	39		O	12 A AU Trn 4192
	Trenton, Ord	4095	1952	280	10		14	0	0		39		L	5 A AU Trn 4192
							1	0	0					
*Beaucoup S, Washington, 2S, 2W	Benoist, Mis	1430	1951	260	4.3	1099.0	22	0	0	12	35		S	9 AL Ord 4170
Bear Creek N, Bond, Clinton, 3-4N, 2-3W	Benoist, Mis	1130	1942	180	4.1	318.3	17	0	0	4	34	0.25	S	6 A Sil 2558
Beaver Creek N, Bond, 4N, 3W	Benoist, Mis	1115	1949	80	0.0	0.7	6	0	0	0	24		S	4 A Oev 2556
				ABO 1954, REV 1958, ABO 1964										
*Beaver Creek S +, Clinton, Bond, 3-4N, 2-3W	Cypress, Mis	1005	1946	600	6.6	807.1	55	0	0	26	36		S	20 A Sil 2606
	Bethel, Mis	1076	1974	20			2	0	0				S	7 A Sil 2606
	Benoist, Mis	1140	1946	10			1	0	0				S	5 A Sil 2606
							52	0	0		35		S	
Beckemeyer Gas +, Clinton, 2N, 3W	Cypress, Mis	1070	1956	10	0.0	0.0	1	0	0	0			S	23 Sil 2730
				ABO 1958										
*Bellair, Crawford, Jasper, 8N, 14W	Pennsylvanian	560	1907	2410	x	x	567	2	0	93	29		S	30 AM Oev 2732
	Pennsylvanian	815		2200			315	0	0				S	30 AM Oev 2732
	Mississippian	885		#			82	1	0				S	x AM Oev 2732
	Cypress, Mis	950		120			190	0	0				S	x AM Oev 2732
	Benoist, Mis	1000		440			9	0	0				S	4 AM Oev 2732
	Renault, Mis	830		30			6	0	0				S	36 AM Oev 2732
	Aux Vases, Mis	800		220			6	0	0				S	37 AM Oev 2732
	Ohara, Mis	860		110			12	0	0				S	38 AM Oev 2732
	McClosky, Mis	1436	1982	#			2	0	0				S	37 AM Oev 2732
	St. Louis, Mis	1654	1985	10			9	1	0				S	12 AM Oev 2732
	Carper, Mis	1748	1969	50			1	0	0				S	14 AM Oev 2732
							4	0	0					
	SEE CLARK COUNTY OEV. FOR PRODUCTION													
*Belle Prairie, Hamilton, 4S, 6-7E	McClosky, Mis	3420	1940	300	4.1	1135.3	17	0	0	8	38	0.12	L	6 AC Oev 5483
Belle Prairie W, Hamilton, 4S, 5E	Salem, Mis	4120	1959	160	14.8	212.5	16	0	0	15			L	Oev 5445
	Ullin, Mis	4206	1959	130			12	0	0		37		L	10 6 Oev 5445
				50			5	0	0					
Belle Rive, Jefferson, 3S, 4E	Aux Vases, Mis	2980	1943	200	5.0	463.9	10	0	4	7			S	10 AC Oev 5200
	McClosky, Mis	3085	1943	110			1	0	0				S	6 AC Oev 5200
	Salem, Mis	3838	1982	50			6	0	0				S	7 AC Oev 5200
	Ullin, Mis	3981	1980	20			3	0	3				S	4 AC Oev 5200
	Devonian	4932	1980	20			3	0	1				S	14 AC Oev 5200
							2	0	1					
Belle Rive S W, Jefferson, 4S, 4E	McClosky, Mis	3304	1982	10	0.5	6.2	1	0	0	1			L	Mis 4120
	Salem, Mis	3651	1982	10			1	0	0				L	6 11

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Deepest test Zone (ft)			
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	An- Aban- doned year	Pro- duc- ing year	Sul- fur per- cent	Kind of rock ess- ure				
Bellmont, Wabash, 1S, 13-14W															
Bethel, Mis	2650	1951	30	0.0	73.0	4	0	0	0	38	S	M	Mis	3006	
Ohara, Mis	2840	1951	10			1	0	0		40	L	ML			
			20			3	0	0			7	7	MC		
				ABD 1972											
*Beman, Lawrence, 3N, 11W															
Aux Vases, Mis	1805	1942	630	7.6	420.4	39	1	0	12	38	S	AL	Oev	3410	
Ste. Gen., Mis	1850	1942	100			8	0	0			L	AC			
			540			35	1	0		38	L	20			
				ABD 1972						38	7	AC			
Beman E, Lawrence, 3N, 10W															
Aux Vases, Mis	1805	1947	130	0.2	118.5	9	0	0	2	38	S	AL	Mis	2519	
Ste. Gen., Mis	1860	1947	50			5	0	0			L	AC			
			110			6	0	0		38	L	20			
				ABD 1960, REV 65, ABD 69, REV 80						38	7	AC			
Bennington S, Edwards, 1N, 10E															
McClosky, Mis	3240	1944	10	0.0	10.4	1	0	0	0	37	L	8	MC	Mis	3420
				ABD 1946											
*Benton, Franklin, 6S, 2-3E															
Pennsylvanian	1700	1941	2610	311.0	41488.0	283	2	0	50	33	S	AC	Trn	6250	
Tar Springs, Mis	2100	1941	2360			249	0	0		38	S	AL			
Aux Vases, Mis	2752	1959	460			30	1	0		38	S	A			
Ohara, Mis	2804	1959	330			19	1	0		38	S	8	A		
Spar Mt., Mis	2770	1983	#			1	0	0			S	16			
McClosky, Mis	2906	1960	#			7	0	0		37	S	4	AC		
St. Louis, Mis	2990	1960	10			2	1	0		38	S	6	A		
Salem, Mis	3530	1984	20			2	1	0			S	5	A		
Ullin, Mis	3705	1960	30			3	0	0		38	S	5	A		
*Benton N, Franklin, 5-6S, 2E															
Cypress, Mis	2460	1944	950	54.9	4314.7	92	1	0	11	38	S	A	Oev	4750	
Paint Creek, Mis	2501	1962	400			14	0	0		38	S	8			
Bethel, Mis	2600	1942	#			15	0	0		38	S	AL			
Aux Vases, Mis	2685	1942	210			21	0	0		38	S	10			
Ohara, Mis	2730	1942	510			17	0	0		39	S	10	A		
Spar Mt., Mis	2775	1941	#			13	0	0		38	S	8	A		
McClosky, Mis	2800	1941	#			11	0	0		36	S	6	A		
St. Louis, Mis	3062	1979	60			20	0	0		34	S	10	A		
Salem, Mis	3285	1984	40			6	1	0			S	10			
Ullin, Mis	3640	1984	10			2	0	0			S	14			
Berry, Sangamon, 15N, 3W															
Devonian	1743	1961	660	2.3	617.5	45	0	0	19	38	S	4	Sil	1964	
Silurian	1736	1961	660			43	0	0		38	L	35			
*Berryville C, Wabash, Edwards, Richland, Lawrence, 1-2N, 14W															
Cypress, Mis	2680	1984	1060	42.8	1940.5	72	4	3	39		S	5	Mis	3921	
Bethel, Mis	2771	1983	10			2	1	1			S	4			
Ohara, Mis	2900	1943	790			2	0	0			S	6	MC		
Spar Mt., Mis	2850	1943	#			15	2	1		39	S	12	MC		
McClosky, Mis	2890	1947	#			20	0	1		36	S	10	MC		
St. Louis, Mis	2960	1982	120			10	0	0			S	4			
Salem, Mis	3370	1975	100			7	1	0			S	10			
Ullin, Mis	3605	1975	20			2	0	0			S	10			
Bessie, Franklin, 6S, 3E															
Hardinsburg, Mis	2367	1986	390	173.6	1085.9	24	4	1	22		S	2	Oev	5042	
Ohara, Mis	2895	1943	20			2	2	0			S	10			
St. Louis, Mis	3159	1980	40			1	0	0		39	S	26	MC		
Ullin, Mis	3825	1979	340			4	1	1			S	6			
Black Branch, Sangamon, 15N, 4W															
Silurian	1600	1967	350	6.1	640.9	26	2	0	18	38	L	10	MU	Sil	1744
Black Branch E +, Sangamon, 15N, 4W															
Silurian	1720	1969	10	0.0	2.8	1	0	0	0		L	20	MU	Sil	1755

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Deepest test Zone (ft)				
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing end of 1986	Sul- fur per- cent	Kind of rock ess	Thi- ckn- ess	Str- uct- ure			
*Blackland, Macon, Christian, 15N, 1E-1W																
	Silurian	1935	1953	430	4.2	530.7	46	0	0	6	39	L	12	MU	Ord	3780
Blackland N, Macon, 16N, 1E																
	Silurian	1948	1960	680	16.0	346.0	51	1	0	30	39	L	11	M	Sil	2164
Blackland S, Macon, Christian, 15N, 1W																
	Silurian	1986	1982	270	6.9	118.5	17	0	3	14		L	12		Sil	2160
Black River, White, 4S, 13W																
	Oegonia, Mis	1865	1952	210	15.8	297.8	17	0	0	13	36	S	6		Mis	3225
	Palestine, Mis	1944	1981	190			14	0	0			S	3			
	Renault, Mis	2816	1982	10			1	0	0			S	8			
	McClosky, Mis	2973	1980	10			1	0	0			OL	3			
	ABO 1974, REV 1978															
Blairsville W, Hamilton, 4S, 6-7E																
	Aux Vases, Mis	3250	1948	280	11.3	495.0	19	0	0	8		x	A	Oev	5605	
	Spar Mt., Mis	3345		40			4	0	0			6	AC			
	McClosky, Mis	3405	1951	190	#		1	0	0		37	LL	8	AC		
	Salem, Mis	4170	1981	40			11	0	0			L	10			
	Ullin, Mis	4340	1981	30			2	0	0			L	10			
	ABO 1974, REV 1978															
Bluford, Jefferson, 2S, 4E																
	McClosky, Mis	3060	1961	30	0.9	166.0	2	0	0	1	38	OL	6		Mis	3833
Bogota, Jasper, 6N, 9E																
	Spar Mt., Mis	3090	1943	360	5.1	582.8	22	0	1	10		L	4	A	Mis	3486
	McClosky, Mis	3110	1943	360	#		17	0	0		39	L	7	AC		
Bogota N, Jasper, 6N, 9E																
	McClosky, Mis	3080	1949	20	0.0	0.0	2	0	0	1	37	L	3		Mis	3647
	ABO 1950, REV 1973															
Bogota S, Jasper, 5-6N, 9E																
	Spar Mt., Mis	3081	1944	400	4.6	568.3	30	0	3	6		L	5	MC	Mis	3787
	McClosky, Mis	3075	1944	80			5	0	2			L	8	MC		
	ABO 1944															
Bogota W, Jasper, 6N, 9E																
	McClosky, Mis	3080	1966	120	49.6	67.3	8	4	0	7	37	0	6		Sil	4931
	ABO 1967, REV 1985															
*Bone Gap C, Edwards, 1S, 10-11E, 14W																
	Pennsylvanian	2110	1941	1810	31.5	2962.2	109	2	4	51	32	S	8	A	Mis	4251
	Waltersburg, Mis	2310	1952	10			1	0	0			S	20	AL		
	Cypress, Mis	2710	1947	180			18	1	0			S	10	A		
	Bethel, Mis	2880	1952	180			10	0	0			S	14	AL		
	Aux Vases, Mis	3020	1947	230			12	0	0			S	9	AL		
	Ohara, Mis	3040	1948	1160			14	0	1			L	5	AC		
	Spar Mt., Mis	3045	1947	#			17	1	1			L	5	AC		
	McClosky, Mis	3200	1941	#			9	0	1			L	6	AC		
	ABO 1956, REV 1974															
Bone Gap E, Edwards, 1S, 14W																
	Ohara, Mis	2980	1951	190	3.0	141.6	15	0	0	11		L	10	M	Mis	4000
	McClosky, Mis	3050		70			6	0	0			L	5	MC		
	Salem, Mis	3555	1974	120			1	0	0			L	4	MC		
	ABO 1956, REV 1974															
Bone Gap W, Edwards, 1S, 10E																
	Ste. Gen., Mis	3290	1954	200	1.6	79.5	13	0	1	9	36	L	5		Mis	4151
	ABO 1975, REV 1964															
*Boulder +, Clinton, 2-3N, 2W																
	Benoist, Mis	1190	1941	580	0.0	8120.0	55	0	0	0	37	S	20	0	Trn	3813

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels)			Number of wells				Character of oil		Pay zone Kind of rock	Deepest test Depth (ft)	
				During 1986	To end of 1986	Com- pleted to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duced in 1986	Sul- fur per- cent	GR. API	Thi- ckness	Struc- ture		
*Boulder +, Clinton, 2-3N, 2W	(Continued from previous page)														
	Geneva, Dev Silurian	2630 2700	1941 1963	47D 40		22 1	D 0	D 0	28 4D	33 D	D L	7 4	Rd R		
Boulder E +, Clinton, 3N, 1W	Devonian	2850	1955	80	6.2	207.6	7	0	0	5 39	L	5		Dev	2946
*Bourbon C, Douglas, 15N, 7E	Aux Vases, Mis Spar Mt., Mis McClosky, Mis Chouteau, Mis	1956 1512 1600 1715	1980 1956 1050 1976	1060 2D #	3.1	1833.7	98 2 94 1	3 0 2 0	0 D 0 0	28 34	S LS LL L	4 12 5 5	AC	Sil	2818
Bourbon S, Douglas, 15N, 7E	Spar Mt., Mis	1693	1960	50	0.0	9.6	3	D	D	2 34	S	12	AC	Mis	1780
ABD 1964, REV 1976															
Bowyer, Richland, 5N, 14W	Spar Mt., Mis McClosky, Mis	1958 1958	1958 1971	100 100 #	0.2	15.9	6 3 2	2 D 1	1 D 0	2 36	S L	x 5		Mis	2950
ABD 67, REV 71, ABD 72, REV 81															
*Boyd, Jefferson, 1S, 1-2E	Benoist, Mis Aux Vases, Mis Ohara, Mis Trenton, Ord	1944 2060 2130 2230	1944 1944 1944 1945	1490 1450 660 30	7.6	15000.4	128 114 48 24	0 0 0 0	0 D 0 0	40 35 37 39	S S L L	19 15 2 x	A A AC	Trn	5400
Brocton, Edgar, 15N, 14W	Pennsylvanian	210	1984	10	0.2	0.3	1	0	0	1	S	5		Pen	769
Brooklyn, Schuyler, 3N, 3W	Devonian	460	1983	540	2.1	163.6	38	0	0	33	L	15	U	Ord	996
Brooklyn N, McDonough, 4N, 3W	Silurian	590	1984	10	0.3	2.4	1	D	0	1	L	38	U	Ord	1009
Brooklyn NW, McDonogh, 31, 4N, 3W	Silurian	493	1984	10	0.0	0.0	1	0	0	1	L	3	U	Sil	650
Broughton, Hamilton, 6S, 7E															
	McClosky, Mis Salem, Mis Ullin, Mis	1951 1951 4024 4190	1951 210 2D 1977	390 210 # 160	15.5	387.0	23 11 3 9	0 0 D 0	0 0 0 D	18 37	L L L L	5 35 10		Mis	4446
ABD 1954, REV 1977															
Broughton N, Hamilton, 6S, 7E	Aux Vases, Mis	3214	1980	10	1.7	19.0	1	0	0	1	S			Mis	4330
Broughton S, Saline, 7S, 7E															
	Tar Springs, Mis McClosky, Mis	1951 1974 3215 1951	1951 1974 10 10	20 10 # 10	0.0	0.1	2 1 0 1	0 0 0 0	0 0 0 D	0 38	S L	7 4		Mis	3300
ABD 1952, REV 1974, ABD 1976															
*Brown, Marion, 1N, 1E	Cypress, Mis	1670	1910	120	1.7	170.3	12	0	0	1D 36	S	4	A	Mis	2036
Browns E, Wabash, 1-2S, 14W															
	Pennsylvanian Cypress, Mis Spar Mt., Mis Salem, Mis	1946 1844 2570 2950	1963 1963 1946 1977	900 10 790 70	9.5	3011.5	80 1 75 3	2 0 2 0	0 0 0 0	19 32 36	S SS S L	x 13 5 20	ML	Dev	5083

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels)			Number of wells			Character of oil		Pay zone Kind of rock	Depth test Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- Aban- doned end of 1986	Pro- duc- ing year	GR, API	Sul- fur per- cent	Thi- ckn- ess	Str- uct- ure	
Brubaker, Marion, 3N, 3E														
	Spar Mt., Mis	1973	190	32.0	487.2	13	0	0	9				R	5200
	McClosky, Mis	2341 1975	60	#		22	0	0				SL	20	
	St. Louis, Mis	2395 1975				22	0	0				LL	5	
	Salem, Mis	2550 1976	40			3	0	0				LL	46	
	Devonian	2765 1974	20			2	0	0				LL	7	
		3820 1973	70			4	0	0	34			LL	1	Rd
Buckhorn C, Brown, 1-2S, 3-4W														
	Silurian	682 1961	2300	72.4	1538.4	194	4	1	180	37		D	3	U
Buckner, Franklin, 6S, 2E														
	Aux Vases, Mis	1963	240	7.1	250.0	17	0	3	11	38		SL	12	
	Ohara, Mis	2601 1963	220	10		16	0	2				SL	3	Dev
		2660 1984				2	0	1						4594
Bulpitt S, Christian, 13M, 3W														
	Devonian	1911 1962	60	0.0	3.4	4	0	0	0	38		L	15	DvS
			A80 1969											1990
*Bungay C, Hamilton, 4S, 7E														
	Renault, Mis	1941	3560	77.0	14914.5	278	2	2	85			SL	10	A
	Aux Vases, Mis	3270 1941	560			23	0	0				SL	15	AL
	Ohara, Mis	3295 1941	2990			213	2	0				SL	8	AC
	Spar Mt., Mis	3335 1943	420			6	0	0				LL	8	AC
	McClosky, Mis	3400 1943	#			4	0	1				LL	8	AC
	Ullin, Mis	3425 1943	#			21	0	1				LL	10	AC
		4190 1959	10			1	0	0				LL		AC
Burnt Prairie S, White, 4S, 9E														
	Aux Vases, Mis	1947	80	0.2	34.9	7	0	1	2	37		SL	24	Mis
	Ohara, Mis	3330 1947	20			2	0	0				SL	6	
	McClosky, Mis	3415 1947	70			1	0	1				SL	4	
Burnt Prairie Sw, White, 4S, 8E														
	Aux Vases, Mis	1979	370	28.9	555.4	30	0	0	26			SL	6	Mis
	Ohara, Mis	3336 1979	90			8	0	0				SL	8	
	Spar Mt., Mis	3436 1979	280			5	0	0				SL	4	
	McClosky, Mis	3451 1979	#			2	0	0				SL	6	
		3513 1979	#			16	0	0				SL		
Calhoun Cen, Richland, 2N, 10E														
	Spar Mt., Mis	1950	30	0.0	0.5	3	0	0	0			L	6	M
	McClosky, Mis	3245 1950	30	#		1	0	0	37			MC	3	MC
					ABO 1952, REV AND ABD 1959									4107
*Calhoun C, Richland, Wayne, 2-3N, 9-10E														
	Ohara, Mis	1944	2200	10.6	4239.5	130	2	4	25			OL	9	A
	Spar Mt., Mis	3140 1944	2200	#		25	2	2				OL	6	A
	McClosky, Mis	3160 1944	#			30	0	2				OL	6	A
	St. Louis, Mis	3180 1944	#			74	0	0				OL	10	A
	Salem, Mis	3370 1967	10			1	0	0				OL	9	A
		3730 1967	40			3	0	0				OL	8	
*Calhoun E, Richland, 2N, 10-11E														
	Spar Mt., Mis	1950	410	55.9	408.8	29	10	0	20			SL	4	MC
	McClosky, Mis	3294 1985	410	#		12	9	0				SL	5	MC
	Ullin, Mis	3265 1950	#			20	1	0				SL		
		4099 1985	10			1	0	0				SL		
					ABD 1977, REV 1980									
Calhoun N, Richland, 3N, 10E														
	Spar Mt., Mis	1944	60	0.9	87.6	4	0	0	1			LS	10	A
	McClosky, Mis	3155 1944	60	#		4	0	0	36			OL	11	A
														3280

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of dis- covery	Area in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone Kind of rock Zone	Deepest test Depth (ft)						
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing end of year	GR. API	Sul- fur per- cent							
*Calhoun S, Wayne, Richland, Edwards, 1-2N, 9E	Aux Vases, Mis	1953	710	19.3	817.2	45	3	0	20	38	L	5	Mis	4152				
	Ohara, Mis	1953	30			3	0	0										
	Spar Mt., Mis	1963	690			7	0	0										
	McClosky, Mis	1962	#			22	1	0										
		1981	#			26	2	0		37	OL	5						
					ABD 1953, REV 1961							6						
Carlinville +, Macoupin, 9N, 7W	Pennsylvanian	380	1909	40	0.0	x	8	0	0	2	28	S	6	A	Mis	1380		
				ABD 1925, REV 1942														
Carlinville N +, Macoupin, 10N, 7W	Pottsville, Penn	440	1941	100	0.0	1.9	20	0	0	4	20	0.35	S	10	Trn	1970		
				ABO 1954, REV 1982														
Carlinville S, Macoupin, 9N, 7W	Pennsylvanian	539	1958	10	0.0	0.0	1	0	0	0	26		S	x	Pen	1020		
				ABO 1964														
*Carlyle, Clinton, 2N, 3W	Golconda, Mis	900	1911	1330	23.4	4400.6	214	0	0	38			L	10	A	Stp	4120	
	Cypress, Mis	1035	1952	10			212	0	0	35			S	20	AC	AC		
Carlyle E, Clinton, 2N, 2W	Benoist, Mis	1197	1963	30	0.0	1.5	2	0	0	0	34		S	4		Mis	1245	
				ABD 1972, REV 1978, ABO 1985														
*Carlyle N, Clinton, 3N, 3W	Benoist, Mis	1150	1950	550	9.4	1025.9	46	0	0	31	34		S	6	AL	Oev	2558	
Carlyle S, Clinton, 1N, 3W	Cypress, Mis	1075	1951	40	0.4	4.2	5	0	0	3	35		S	4		Mis	1194	
				ABO 1983, REV 1982														
*Carmi, White, 5S, 9E	Pennsylvanian	1210	1940	350	4.2	425.8	28	2	0	8			S	10	M	Mis	3546	
	Cypress, Mis	2800		10			1	0	0	32			SS	15	ML	ML		
	Aux Vases, Mis	3145		150			11	0	0	38			SS	8	ML	ML		
	Spar Mt., Mis	3170	1984	90			8	2	0	37			SS	3				
	McClosky, Mis	3150	1940	120			1	0	0	35			OL	6	MC	MC		
				ABO 1949, REV 1952														
*Carmi N, White, 5S, 9E	Cypress, Mis	2940	1942	130	9.8	354.7	11	0	0	8			S	13	A	AF	Mis	3452
	Benoist, Mis	3080	1954	30			2	0	0	37			S	12	AF	AF		
	Aux Vases, Mis	3270	1942	20			8	0	0	36	0.14		S	14	AF	AF		
*Casey, Clark, 10-11N, 14W	Casey, Penn	445											x		AM	Trn	2608	
	St. Louis, Mis	410											x		AM	AM		
	Carper, Mis	1300											AM		AM	AM		
	SEE CLARK COUNTY DIV. FOR PRODUCTION																	
*Centerville, White, 4S, 9E	Aux Vases, Mis	3240	1940	260	5.8	576.7	19	0	0	6			S	6	A	AL	Mis	4365
	Ohara, Mis	3310	1953	20			2	0	0	37			LL	10	AC	AC		
	Spar Mt., Mis	3370		240			6	0	0	38			LL	8	AC	AC		
	McClosky, Mis	3370	1940	1			5	0	0	37			LL	4	AC	AC		
	Ullin, Mis	4120	1983	10			8	0	0	37	0.17		OL	21				
*Centerville E, White, 3-4S, 9-10E	Palestine, Mis	2225	1941	1400	29.2	8729.1	148	3	1	71			S	3	A	ALF	Oev	5990
	Tar Springs, Mis	2500		20			43	0	0	35			SS	24	ALF	ALF		
	Hardinsburg, Mis	2615	1950	820			95	0	0	38	0.20		SS	22				
	Cypress, Mis	2915	1941	40			375	0	0	36			SS	6	ALF	ALF		
	Bethel, Mis	2990	1942	660			0	0	0	37			SS	20	ALF	ALF		
	Aux Vases, Mis	3075		220			0	0	0	38			S	21	ALF	ALF		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covered in acres	Production (1000 barrels) During 1986	To end of 1986	Number of wells			Character of oil		Pay zone Kind of rock	Depth Zone	
						Com- plet- ed to end of 1986	Re- port- ed to end of 1986	An- Aban- doned duc- ing year	Pro- duced GR.	Sul- fur per- cent	Thi- ckn- ess	Str- ucture	
*Centerville E, White, 3-4S, 9-10E												(Continued from previous page)	
Ohara, Mis	3175		420			8	1	1	36	OL	5	ACF	
Spar Mt., Mis	3185		#			2	1	0		LS	6	ACF	
McClosky, Mis	3230		#			21	3	0	37	OL	7	ACF	
Salem, Mis	3998	1982	10			1	0	0		L	12		
Centerville N, White, 3S, 10E													
Bethel, Mis	2990	1947	10	0.0	0.0	1	0	0	0	38	S	13	ML
Centerville N E, White, 3S, 10E													
Bethel, Mis	3055	1955	10	0.0	5.6	1	0	0	0	38	S	14	Mis
*Central City, Marion, 1M, 1E													
Pennsylvanian	826	1964	130	1.4	94.4	13	0	0	9	33	S	10	Mis
*Centralia, Clinton, Marion, 1-2M, 1E, 1W													
Petro, Penn	1937	1958	2980	84.8	58324.5	1022	0	4	208			A	Ord
Cypress, Mis	765	1958	30			4	0	0	32	SS	x	A	
Benoist, Mis	1200		1530			57	0	0	37	0.20	12	A	
Devonian	1355	1937	2510			577	0	4	38	0.17	20	A	
Trenton, Ord	2870	1939	2610			320	0	0	40	0.38	9	A	
	3930	1940	1100			59	0	0	40		22	A	
Centralia W, Clinton, 1M, 1W													
Cypress, Mis	1940		90	0.6	426.1	10	0	0	1		A	Oev	3021
Benoist, Mis	1308	1960	10			1	0	0	35		4	A	
	1440	1940	90			9	0	0	38	0.17	9	A	
Chesterville, Douglas, 15M, 7E													
Spar Mt., Mis	1780	1956	50	0.4	37.8	5	0	0	1	39	LS	8	ML
*Chesterville E, Douglas, 14-15M, 7-8E													
Spar Mt., Mis	1720	1957	400	0.0	1164.4	41	0	0	0	39	S	10	AC
Christopher S, Franklin, 7S, 1E													
Aux Vases, Mis	1964	1964	30	0.0	9.9	3	0	0	0	38	S	8	Mis
Ohara, Mis	2620	1964	30			3	0	0	37		10		
	2690	1964	10			1	0	0					
Claremont+, Richland, 3M, 14W													
Spar Mt., Mis	1950	1950	120	0.0	20.2	9	0	0	0		S	5	Mis
McClosky, Mis	3200	1950	120			6	0	0			4		
	3218	1969	#			3	0	0					
Clark County Oiv, Clark, Coles, Crawford, Cumberland, Jasper													
1900	27400	329.5	88899.4	6250	125	8	2006						
INCLUDES BELLAIR CASEY JOHNSON N,S MARTINSVILLE, SIGGINS, WESTFIELD, YORK													
*Clarksburg, Shelby, 10N, 4E													
Bethel, Mis	1946	1981	110	14.9	144.2	12	1	0	9		S	9	Oev
Aux Vases, Mis	1779	1946	10			1	0	0			6	A	
	1770	1946	100			11	1	0	36		6	A	
*Clay City C, Clay, Wayne, Richland, Jasper, 1-7M, 1-2S, 6-11E													
1937	107880	2963.4	341378.9	7765	121	54	3052				S	6	PC
Waltersburg, Mis	2175	1952	20			2	0	0	36		AL		
Tar Springs, Mis	2560	1949	130			8	0	0	38		15	AL	
Cypress, Mis	2635	1937	9180			659	9	3	36		15	AL	
Bethel, Mis	2800		450			36	2	1	39		15	AL	
Aux Vases, Mis	2940	1942	34600			2392	28	19	38		15	AL	
Ohara, Mis	3020		73420			320	11	3	38		5	AC	
Spar Mt., Mis	3030		#			772	4	7	38		8	AC	
McClosky, Mis	3050	1937	#			3563	37	13	39		10	AC	
St. Louis, Mis	3025	1949	3870			327	7	2	38		3	A	
Salem, Mis	3590	1950	12390			805	42	11	39		10	A	
Ullin, Mis	3600	1952	660			55	7	0	40		17	A	
Carper, Mis	3806	1979	80			5	0	0			6	A	
Devonian	4350	1949	140			9	0	0	39		10	A	

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of proven depth (ft)	Area covered in acres	Production (1000 barrels)			Number of wells			Character of oil			Pay zone	Deepest test Depth Zone (ft)
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	Aban- doned 1986	Pro- duced year	Sul- fur per cent	GR. API	Kind of rock struc- ture		
Clear Lake E, Sangamon, 16N, 4W														
Silurian	1596	1970	40	0.3	26.3	2	0	0	1	25	L	12	Sil	1653
Clifford, Williamson, 8S, 1E														
Aux Vases, Mis	2380	1957	40	0.0	15.0	2	0	0	0	38	S	7	Mis	2625
Spar Mt., Mis	2470	1957	20			1	0	0			LS	7		
McClosky, Mis	2540	1957	#			1	0	0	38		L	5		
ABO 1965														
*Coil W, Wayne, 1S, 5E														
Aux Vases, Mis	2910	1942	560	17.8	3360.0	40	0	0	25	39 0.12	S	10	A	Mis 3756
Spar Mt., Mis	3018	1982	20			1	0	0			SS	4		
McClosky, Mis	3065	1942	#			1	0	0	38		OL	15	AC	
St. Louis, Mis	3021	1967	100			6	0	0			LL	9		
Salem, Mis	3510	1977	100			9	0	0			L	14		
*Coil W, Jefferson, 1S, 4E														
Aux Vases, Mis	2720	1942	630	21.4	1450.5	57	0	0	26	39	S	15	A	Mis 3751
Ohara, Mis	2790	1942	180			15	0	0			LL	7	AL	
Spar Mt., Mis	2805	1942	230			11	0	0			L	7	AC	
McClosky, Mis	2880	1942	#			2	0	0			LL	8	AC	
St. Louis, Mis	3040	1967	160			14	0	0	38		LL	7		
Salem, Mis	3346	1961	280			15	0	0	39		L	10	A	
20	0	0				37								
Collinsville, Madison, 3N, 8W														
Silurian	1305	1909	40	0.0	1.0	6	0	0	0	37	L	20	ML	2177
ABO 1921														
*Colmar-Plymouth, Hancock-McDonough, 4-5N, 4-5W														
Hoing, Oev	450	1914	2560	1.2	5150.7	512	0	0	75	35 0.38	S	14	AL	Shk 1095
Comer, Macoupin, 10N, 8W														
Pennsylvanian	444	1982	10	0.0	0.0	1	0	1	0		S	8	Pen	524
ABO 1986														
*Concord C, White, 6S, 10E														
Tar Springs, Mis	2270	1943	2290	61.1	9030.6	213	2	2	88		S	11	A	Oev 5313
Hardinsburg, Mis	2510	1954	350			26	0	0	36		SS	7	AL	
Cypress, Mis	2625	1944	270			30	0	0	36		SS	10	AL	
Aux Vases, Mis	2905	1942	710			19	0	0	37		SS	14	AL	
Ohara, Mis	2930	1943	1100			53	1	0	36 0.15		SS	8	AC	
Spar Mt., Mis	3035	#				3	1	0			LL	8	AC	
McClosky, Mis	2990	#				4	1	0			LL	10	AC	
St. Louis, Mis	3370	1976	250			56	0	1	37		LL	7		
Salem, Mis	3790	1981	10			18	0	0			L	8		
Ullin, Mis	3900	1975	530			1	0	0			LL			
30	1	0												
*Concord E C, White, 6-7S, 10E														
Deogonia, Mis	1900	1984	470	8.0	923.2	43	0	0	16		SS	6	A	Mis 3223
Waltersburg, Mis	2140		40			1	0	0	33		SS	10	A	
Tar Springs, Mis	2175		80			4	0	0	36		SS	4	A	
Cypress, Mis	2540		210			6	0	0	36		SS	6	A	
Renault, Mis	2800		20			20	0	0	38		SS	6	A	
Aux Vases, Mis	2825		70			2	0	0	36		SS	12	A	
Ohara, Mis	2895		120			7	0	0	36		SS	6	AC	
Spar Mt., Mis	2895	#				3	0	0			SS	5	AC	
McClosky, Mis	2965	#				6	0	0			L	2	AC	
4	0	0				37								
*Cooks Mills C +, Coles, Douglas, 13-14N, 7-8E														
Cypress, Mis	1600	1955	3230	7.1	3160.3	260	0	0	74	39	S	20	A	Trn 3840
Aux Vases, Mis	1765	1941	10			1	0	0	37		SS	15	A	
Spar Mt., Mis	1800	1946	3170			253	0	0	37		S	9	A	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Deepest test Zone (ft)	
				During 1986	To 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing end of 1986	Sul- fur per- cent	Kind of rock	Thi- ckn- ess	Str- uct- ure
*Cooks Mills C +, Coles, Douglas, 13-14N, 7-8E												(Continued from previous page)	
	McClosky, Mis	1840	1955	#		2	0	0			L	4	A
	Osage, Mis	2285	1985	10		1	0	0			S	15	
	Carper, Mis	2700	1963	20		1	0	0			S	5	
	Devonian	2867	1963	40		5	0	0	38	37	L	3	
Cooperstown W, Brown, 1S, 2W													
	Silurian	598	1982	10	0.0	0.0	1	0	0	1	L	U	Sil
*Cordes, Washington, 3S, 3W													
	Benoist, Mis	1260	1939	1640	30.2	10499.1	156	0	0	33	36	0.19	S
Cordes N, Washington, 2S, 3W													
	Devonian	2740	1983	10	0.0	0.0	1	0	0	1	L		Ord
Cordes N E, Washington, 3S, 2W													
	Cypress, Mis	1983	20	0.0	2.3	2	0	0	2		S	9	Mis
	Benoist, Mis	1200	1983	10		1	0	0			S	3	
	Benoist, Mis	1392	1985	10									
*Corinth, Williamson, 8S, 4E													
	Aux Vases, Mis	2885	1957	370	7.1	597.5	22	0	0	17	38	S	10
	Ohara, Mis	2929		320			19	0	0			L	10
	Spar Mt., Mis	2985	1957	80			2	0	0			L	10
	McClosky, Mis	3075	1984	#			2	0	0			OL	5
							1	0	0				
Corinth E, Williamson, 8S, 4E													
	McClosky, Mis	3035	1957	10	0.0	10.6	1	0	0	0	38	L	10
							ABD	1960					
Corinth N, Williamson, 8S, 4E													
	Aux Vases, Mis	2935	1957	10	0.0	3.7	1	0	0	0	36	S	16
							ABD	1960					
Corinth S, Williamson, 9S, 4E													
	Cypress, Mis	2350	1972	10	0.2	9.4	1	0	0	1		S	8
							ABD	1975					
Cottage Grove, Saline, 9S, 7E													
	Ohara, Mis	2770	1955	10	0.0	12.5	1	0	0	0	38	L	20
							ABD	1963					
Coulterville N, Washington, 3S, 5W													
	Silurian	2290	1958	50	0.0	41.4	5	0	0	3	42	L	x
												R	Ord
*Covington S, Wayne, 2S, 6E													
	Ohara, Mis	3290	1984	730	13.4	640.4	33	1	4	14		L	6
	McClosky, Mis	3310	1943	640			2	0	2			L	5
	St. Louis, Mis	3361	1962	#			27	1	2			L	4
	Ullin, Mis	4148	1960	10			1	0	0			L	12
							6	0	0			AC	
Craig, Perry, 4S, 4W													
	Trenton, Ord	3650	1948	10	0.0	2.9	2	0	0	0	35	L	20
							ABD	1951, REV 1965, ABO 1967				A	Ord
Cravat, Jefferson, 1S, 1E													
	Benoist, Mis	2070	1939	120	0.2	388.7	11	0	0	6	34	0.23	S
												10	A
												Oev	3850

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of depth (ft)	Area dis- covered in acres	Production (1000 barrels)			Number of wells				Character of oil		Pay zone Kind of rock	Depth Zone	Deepest test Depth (ft)
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing end of year	GR.	Sul- fur per- cent	Thi- ckn- ess	Str- uct- ure		
Cravat W, Jefferson, 1S, 1E															
	Pennsylvanian	1956	140	0.3	144.6	15	0	0	14	32	\$	10	Mis	2390	
	Bethel, Mis	1045 1956	130			14	0	0			\$	10			
	Bethel, Mis	2070 1960	10			1	0	0							
Crossville, White, 4S, 10E															
	Bethel, Mis	1946	130	0.0	19.5	13	0	0	1	38	S	9	M	4135	
	Aux Vases, Mis	2880 1948	40			3	0	0		37	S	20	ML		
	Ohara, Mis	3030 1956	30			3	0	0			S	3	ML		
	McClosky, Mis	3100 1946	100			1	0	0		38	L	5	MC		
	Salem, Mis	3120 1946	#			5	0	0			L	14	MC		
		3640 1982	10			1	0	0							
*Crossville W, White, 4S, 10E															
	Cypress, Mis	1952	300	4.1	403.1	28	1	0	11		S	18	M	4225	
	Aux Vases, Mis	2810 1973	10			1	0	0		37	S	8	ML		
	Ohara, Mis	3030 1952	160			11	0	0			S	8	M		
	Spar Mt., Mis	3110 1958	160			1	0	0		37	L	8	MC		
	McClosky, Mis	3150 1958	#			3	0	0			L	8	ML		
	Salem, Mis	3185 1956	#			11	0	0		38	L	8	MC		
	Ullin, Mis	3985 1983	60			4	0	0			L	4			
		4110 1983	80			6	1	0			L	10			
Dahlgren, Hamilton, 3S, 5E															
	McClosky, Mis	1941	620	1.0	1224.5	45	0	0	2		A	Dev	5299		
	Ullin, Mis	3300 1941	620			44	0	0		37	A	11			
		4110 1956	10			1	0	0		39	A	15			
Dahlgren S, Hamilton, 4S, 5E															
	Salem, Mis	1982	20	1.2	9.7	2	0	0	2		L	17	Mis	4366	
	Ullin, Mis	3836 1982	10			1	0	0			L	13			
Dahlgren S W, Jefferson, 4S, 4E															
	Ullin, Mis	4200 1983	10	0.0	0.5	1	0	1	0		L	16	Mis	4585	
					ABD 1986										
Dahlgren W, Jefferson, 4S, 4E															
	Ullin, Mis	4019 1960	30	0.0	32.3	3	0	0	0	38	L	6	Dev	5245	
					ABD 1966, REV 1980, ABD 1985										
*Dale C, Franklin, Hamilton, Saline, 5-7S, 4-7E															
	Tar Springs, Mis	1940 1943	19420	300.5	102425.6	1764	9	5	256		A	PC	13051		
	Hardinsburg, Mis	2430 1948	480			41	0	0		36	S	25			
	Cypress, Mis	2480 1940	120			12	0	0		38	S	10			
	Bethel, Mis	2700 1940	1580			127	0	0		39	S	15			
	Renault, Mis	2975 1945	3480			286	0	0		38	0.19	SS	18		
	Aux Vases, Mis	3245 1984	10			1	0	0			S	6			
	Ohara, Mis	3150 1945	17180			1351	4	3		37	0.15	S	20	A	
	Spar Mt., Mis	3110 1940	4090			114	0	1		38	0.22	L	10	A	
	McClosky, Mis	3130 1940	#			16	0	0		38	LS	7	A		
	St. Louis, Mis	3163 1965	290			164	0	1		36	0.19	L	7	x	
	Salem, Mis	3991 1980	670			27	1	0		39	L	6			
	Ullin, Mis	4168 1978	330			44	2	0			L	10			
						23	2	0							
Dawson, Sangamon, 16N, 3W															
	Silurian	1636 1971	240	7.7	229.5	17	0	2	14		L	10	MU	Sil	1800
					ABD 1972, REV 1982										
Decatur, Macon, 16-17N, 2E															
	Silurian	2000 1953	240	0.3	16.8	18	0	1	11	37	L	7	MU	Ord	2800
					ABD 1959, REV 1983										
Decatur N, Macon, 17N, 3E															
	Silurian	2200 1954	10	0.0	0.1	1	0	0	0	38	L	10	MU	Sil	2240
					ABD 1955										
*Deering City, Franklin, 7S, 3E															
	Aux Vases, Mis	1957 1957	130	3.5	347.3	10	0	0	8	38	S	20	Dev	5000	
	Ohara, Mis	2810 1985	80			6	0	0			S	4			
	McClosky, Mis	2913 1963	40			1	0	0			OL	4			
	Ullin, Mis	3748 1985	10			2	0	0			L	13			
						1	0	0							

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of dis- covery (ft)	Area proved in acres	Production (1000 barrels)			Number of wells				Character of oil			Pay zone	Deepest test Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	An- doned in 1986	Pro- duc- ing end of 1986	GR. API	Sul- fur per- cent	Kind of rock	Thi- ckn- ess	Str- uct- ure		
Deering City E, Franklin, 7S, 3E	McClosky, Mis	2965 1974	10	1.8	18.5		1	0	0	1		L	7	Mis	3117	
Deland, Piatt, 19M, 5E	Silurian	1225 1981	60	0.6	7.6		4	0	0	4		L	4	Sil	1255	
Divernon, Sangamon, 13N, 5W	Silurian	1643 1982	340	6.8	183.3		18	0	0	17		L	U	Ord	2200	
*Divide C, Jefferson, 1S, 3-4E																
	Aux Vases, Mis	1943 1947	5420	286.7	12693.1		375	16	3	202	38	S	10	A	Dev 4700	
	Ohara, Mis	2620 1947	170				11	0	0			SL	10	AL		
	Spar Mt., Mis	2700 1944	2870				8	0	0			LS	10	AC		
	McClosky, Mis	2700 1945	#				24	4	0		38	LL	6	A		
	St. Louis, Mis	2750 1943	#				177	8	2		37	LL	6	AC		
	Salem, Mis	2840 1955	450				45	4	1		37	LL	7	AC		
	Ullin, Mis	3190 1960	2770				181	9	1		37	LL	10	AC		
		3502 1981	10				1	0	0			L	10			
Divide S, Jefferson, 2S, 3-4E	McClosky, Mis	2880 1948	310	0.0	498.9		17	0	0	2	37			Mis	3935	
	St. Louis, Mis	2990 1984	300				16	0	0			L	5			
			10				1	0	0			L	8			
Oix S, Jefferson, 1S, 2E	Benoist, Mis	1941 1941	230	66.6	136.5		20	4	0	18	35	S	8	A	Mis 5036	
	Renault, Mis	1950 1941	20				22	0	0			SS	4	A		
	Spar Mt., Mis	2049 1985	20				22	0	0			SS	8			
	McClosky, Mis	2144 1985	120				55	22	0			LL	10			
	Salem, Mis	2253 1985	#				55	22	0			LL	10			
		2438 1985	80				7	0	0			LL	10			
					ABO 1946, REV 1985											
*Dollville, Shelby, 12N, 2E	Bethel, Mis	1509 1961	310	30.8	110.4		20	2	0	16	37	S	4	Mis	1800	
Dubois Cen, Washington, 3S, 1W	Benoist, Mis	1954 1955	140	4.0	287.7		13	1	0	7	30	S	12	Oev	3100	
	Spar Mt., Mis	1335 1955	110				12	0	0			L	8			
		1530 1954	80				4	1	0			L	8			
*Dubois C, Washington, 3S, 1-2W	Cypress, Mis	1939 1947	1570	28.8	2607.4		132	0	0	88	37	S	10	A	Knox 5504	
	Benoist, Mis	1230 1947	500				44	0	0		30	S	10	AL		
		1325 1939	490				43	0	0		0.26	S	10	AL		
Dubois S, Perry, 4S, 1W	Benoist, Mis	1310 1984	40	2.0	4.5		4	2	0	4		S	2	Mis	1319	
*Oudley, Edgar, 13-14N, 13W	Upper Oudley, Penn	1948 310	900	57.9	2844.3		129	0	0	113	25	S	20	M	Stp 2997	
	Lower Oudley, Penn	410	900	#			24	0	0		24	S	50	ML		
							105	0	0			S	50	ML		
Oudleyville E, Bond, 4-5N, 2-3W	Devonian	2370 1954	20	0.0	2.8	ABD 1961	2	0	0	0	37	L	5	Ord	3397	
Dupo, St. Clair, 1M, 1S, 10W	Trenton, Ord	700 1928	960	16.8	3058.9		326	0	0	28	33	0.70	L	50	A	Cam 3111
Eagarville E, Macoupin, 8N, 6W	Pennsylvanian	621 1980	60	0.4	15.5		4	0	0	4		S	7	Trn	745	
Eberle, Effingham, 6N, 6E		1947	200	0.4	152.4		15	0	0	4		A	Mis	2882		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proven depth (ft)	Area covered in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Deepest test Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	An- Aban- doned dona- to end year	Pro- duc- ing GR. API	Sul- fur per- cent			
Eberle, Effingham, 6N, 6E													
Cypress, Mis	2475 1947	110				9	0	0	37		S	10	AL
Spar Mt., Mis	2680	110				2	0	0			LS	5	
McClosky, Mis	2820 1947	#				4	0	0	38		L	7	AC
ABD 1967, REV 1973													
Edinburg, Christian, 14N, 3W													
Lingle, Oev	1810 1949	10	0.0	2.3		1	0	0	0	38	LS	2	A
ABD 1951													
Edinburg S, Christian, 14N, 3W													
Hibbard, Dev	1795 1955	40	0.6	21.9		4	0	0	2	39	LS	13	C
ABD 1963, REV 1983													
*Edinburg W, Christian, Sangamon, 14N, 3-4W													
Devonian	1660 1954	2120	20.6	3288.1		153	0	0	91		S	6	Ord
Silurian	1690 1954	270				24	0	0	41		L	8	AA
1880						131	0	0	41				
ABD 1960, REV 1980													
Elba, Gallatin, 8S, 8E													
Cypress, Mis	2617 1955	250	1.5	47.7		15	0	0	2	37		SS	10
Bethel, Mis	2660 1955	10				1	0	0	36			SL	3
Renault, Mis	2770	80				3	0	0	36			SS	5
Aux Vases, Mis	2780	10				1	0	0	38			SL	11
Ohara, Mis	2820 1955	120				5	0	0	38			SL	11
ABD 1960, REV 1980													
*Elbridge, Edgar, 12-13N, 11W													
Pennsylvanian	760 1949	440	4.2	15463.1		40	0	0	19	30	S	3	Rd
Fredonia, Mis	950 1949	10				2	0	0	35		L	3	Rd
Devonian	1950 1949	430				37	0	0	37			20	Rd
20													
*Eldorado C +, Saline, 8S, 6-7E													
Degonia, Mis	1700 1941	3940	58.5	12508.7		319	5	0	116			A	Mis
Palestine, Mis	1920 1976	40				3	0	0			SS	16	4004
Waltersburg, Mis	2125 1950	500				34	1	0	36		SS	20	AL
Tar Springs, Mis	2200 1954	1960				147	0	0	38		SS	25	AL
Hardinsburg, Mis	2350 1953	280				19	0	0	37		SS	15	AL
Cypress, Mis	2575 1954	300				30	0	0	38		SS	8	AL
Sample, Mis	2680 1954	70				22	0	0	37		SS	8	AL
Benoist, Mis	2778 1962	#				6	0	0	37		SS	18	AL
Aux Vases, Mis	2900 1954	1110				2	1	0	37		SS	10	AL
Ohara, Mis	2900	100				80	4	0	37		SL	12	AL
Spar Mt., Mis	2900	#				3	0	0	37		SL	5	AC
McClosky, Mis	2975 1941	#				2	0	0	39	0.14	L	4	AC
ABD 1960, REV 1980													
*Eldorado E +, Saline, Gallatin, 8S, 7-8E													
Pennsylvanian	530 1953	640	8.4	477.9		46	3	0	20			A	Mis
Palestine, Mis	1915 1981	80				6	3	0			SS	8	4183
Tar Springs, Mis	2190 1954	30				2	0	0	36		SS	10	AL
Cypress, Mis	2515 1954	40				3	0	0	35		SS	10	AL
Aux Vases, Mis	2885 1953	170				11	0	0	37		SS	20	AL
Ohara, Mis	2918 1982	350				21	0	0	38		SS	6	AL
Spar Mt., Mis	2975 1954	40				1	0	0	38		SL	4	AC
McClosky, Mis	2990 1984	#				2	0	0	38		OL	4	AC
ABD 1960, REV 1980													
Eldorado W +, Saline, Gallatin, 8S, 6E													
Palestine, Mis	1940 1955	350	17.1	313.2		27	0	0	21	30	S	18	
Renault, Mis	2910 1956	80				8	0	0	37		L	6	
Aux Vases, Mis	2960 1955	30				3	0	0	38		LL	6	
Ohara, Mis	2966 1982	150				11	0	0	38		LL	4	
Spar Mt., Mis	2994 1982	#				3	0	0	38		LL	13	
McClosky, Mis	3031 1982	#				2	0	0	38		L	10	
ABD 1960, REV 1980													
Elk Prairie, Jefferson, 4S, 2E													
Spar Mt., Mis	2775 1984	230	227.6	636.0		16	9	0	14			Oev	4600
McClosky, Mis	2735 1938	230	#			12	8	0				5	
Salem, Mis	3076 1960	10				4	1	0	37			7	
ABD 40, REV 60, ABO 70, REV 81													

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Depth (ft)	Year of dis- covery	Area in acres	Production (1000 barrels)		Number of wells			Character of oil			Pay zone	Deepest test Zone				
					During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned in 1986	Pro- duc- ing end of 1986	Sul- fur per- cent	GR. API	Kind of rock	Thi- ckn- ess	Str- uct- ure			
Elkton, Washington, 2S, 4W	Bailey, Dev	2340	1955	40	0.0	2.6	2	0	0	0	40	D	3D	U	Dev	2485		
					ABD 1960													
Elkton N, Washington, 2S, 4W	Hardin, Dev	2320	1971	160	1.9	88.1	9	0	0	9	S	7		Ord	3275			
Elkville, Jackson, 7S, 1W	Benoist, Mis	2DDD	1941	10	0.0	4.0	1	0	0	1	36	D.22	S	10	Sil	3914		
*Ellery E, Edwards, 2S, 1DE																		
	Aux Vases, Mis	318D	1952	480	4.6	1068.6	40	0	0	10	36		S	35	M	Mis	4400	
	Ohara, Mis	3255	1952	260			25	D	D		37		L	6	ML	ML		
	Spar Mt., Mis	3255		300	#		11	0	0				L	4	MC	MC		
	McClosky, Mis	3260	1978	#			4	0	0				L	6				
	Ullin, Mis	4218	1979	10			3	D	D				L	9				
							1	0	0									
Ellery N, Edwards, Wayne, 2S, 9-10E	Bethel, Mis	3100	1942	160	2.1	118.7	12	D	0	6			S	35	M	Dev	5425	
	Aux Vases, Mis	323D	1954	20			2	0	0				S	12	ML	ML		
	Ohara, Mis	3300	1972	20			2	0	0				S	4				
	Spar Mt., Mis	3345		130			4	0	0				S	8	ML	ML		
	McClosky, Mis	3420	1942	#			4	0	0				S	7				
	St. Louis, Mis	3438		10			2	0	0		37	0.19	L	6	MC	MC		
							1	0	0									
							ABD 1943, REV AND ABO 1951, REV 1954											
Ellery S, Edwards, 2-3S, 10E																		
	Aux Vases, Mis	32DD	1947	250	11.1	232.9	21	1	1	8	36		S	15	M	Mis	4325	
	Spar Mt., Mis	3316	1985	50			7	0	0				S	3	ML	ML		
	McClosky, Mis	330D	1943	1D			1	1	0				S	9				
	Ullin, Mis	4156	1978	18D			14	1	1				S	10	MC	MC		
				10			1	0	0									
							ABO 1952, REV 53, ABD 59, REV & ABO 60, REV 78											
Elliottstown, Effingham, 7N, 7E	Spar Mt., Mis	2730	1947	10	0.0	13.7	1	0	0	0	39	S	8	HL	Mis	2884		
Elliottstown E, Effingham, 7N, 7E																		
	Cypress, Mis	2485	1954	90	1.2	143.9	7	0	0	1	35		S	5	HL	Mis	3292	
	Spar Mt., Mis	2750	1962	10			1	0	0				S	10				
	McClosky, Mis	2771	1962	80			3	0	0				S	8				
				#			3	D	D				S					
							ABD 1956, REV 1962											
*Elliottstown N, Effingham, 7N, 7E																		
	Cypress, Mis	2430	1953	310	0.0	271.2	19	0	0	0	36		S	4	HL	Mis	3350	
	Aux Vases, Mis	2710	1966	20			2	0	0				S	2				
	Spar Mt., Mis	2666	1964	10			1	0	0				S	3				
	McClosky, Mis	2738	1964	270			2	0	0				S	17	OL	OL		
				#			14	0	0				S					
							ABD 1958, REV 1964, ABD 1985											
*Energy, Williamson, 9S, 2E																		
	Aux Vases, Mis	2354	1968	140	4.6	218.8	10	0	0	10	S	16				Mis	2694	
*Enfield, White, 5S, 8E																		
	Paint Creek, Mis	3140	1984	750	39.6	1542.2	57	4	1	25			S	12	A	Mis	4657	
	Bethel, Mis	3163	1985	50			1	0	0				S	10				
	Aux Vases, Mis	325D	1950	390			3	2	0				S	1D	AL	AL		
	Ohara, Mis	3310		310			26	0	1				S	4				
	McClosky, Mis	3385	1950	#			7	0	0				S	8	AC	AC		
	Salem, Mis	4196	1985	1D			18	2	0				S	4				
	Ullin, Mis	432D	1977	40			1	0	0				S	19	LL	LL		
							5	0	0									
							ABD 1951, REV 1952											
Enfield N, White, 5S, 8E																		
	Aux Vases, Mis	3320	1976	470	23.3	626.5	35	0	0	25			S	12			Mis	4500
	Ohara, Mis	3400	1976	440			31	0	0				S	6				
	McClosky, Mis	3470	1983	3D			3	0	0				S	4				
	Ullin, Mis	4385	1977	10			1	D	0				S					

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth (ft)	Area dis- covered (acres)	Production (1000 barrels)		Number of wells			Character of oil		Pay zone Kind of rock	Depth Zone	Deepest test	
				During 1986	To end of 1986	Com- pleted to end of 1986	Re- ported in 1986	An- nounced in 1986	Pro- ducing year	Sul- fur per- cent	API			
Enfield S, White, 6S, 8E														
	Aux Vases, Mis	3174	1961	70	5.0	22.6	7	0	0	5	39	S	2	Mis 4404
	Spar Mt., Mis	3265		50			4	0	0			L	5	
	McClosky, Mis	3277	1961	50			1	0	0	38		S	6	
				ABD 1963, REV 1980										
Erwin, Schuyler, 2N, 3W	Silurian	415	1983	50	0.5	1.0	3	2	0	3		L	9	Ord 920
Evers, Effingham, 8N, 7E														
	Spar Mt., Mis	2610	1948	80	0.5	132.8	6	0	0	2	39	L	7	Ord 5370
	McClosky, Mis	2660	1948	70	#		3	0	0			L	4	
	Salem, Mis	3126	1975	10			2	0	0			L	4	
				ABD 1949, REV 1953										
Evers S, Effingham, 7N, 7E	Spar Mt., Mis	2650	1948	10	0.0	2.4	1	0	0	0	38	LS	8	AC Mis 2783
				ABD 1951										
Ewing, Franklin, 5S, 3E														
	Aux Vases, Mis	2835	1944	220	0.9	552.0	12	0	0	2	38	S	8	Mis 3951
	Spar Mt., Mis	2950	1981	40			3	0	0			L	10	
	McClosky, Mis	2970	1944	10	#		1	0	0	36		L	7	
	St. Louis, Mis	3170	1981	10			7	0	0			L	5	
	Ullin, Mis	3790	1981	40			1	0	0			L	6	
				ABD 1971, REV 1976										
Ewing E, Franklin, 5S, 3E														
	Ohara, Mis	3010	1956	560	101.0	1011.3	43	5	0	38	38	L	10	Ord 9511
	St. Louis, Mis	3265	1976	10			5	1	0			L	8	
	Salem, Mis	3546	1978	60			6	2	0			L	14	
	Ullin, Mis	3880	1976	590			34	3	0			L	6	
Exchange, Marion, 1N, 3E														
	Ohara, Mis	2695	1943	780	29.6	507.1	54	0	0	46	37	L	10	Ord 4908
	Spar Mt., Mis	2715	1983	60	#		23	0	0			S	5	
	McClosky, Mis	2730	1943	10	#		1	0	0	37		L	8	
	St. Louis, Mis	2951	1978	620			4	0	0			L	5	
	Salem, Mis	3171	1975	220			16	0	0			L	15	
				ABD 1967, REV 1975										
*Exchange E, Marion, 1N, 4E														
	Ohara, Mis	2775	1955	280	1.4	583.7	21	0	1	5				Dev 4644
	Spar Mt., Mis	2780		230	#		1	0	0			L	14	
	McClosky, Mis	2840	1955	#			8	0	0	37		S	11	
	St. Louis, Mis	2940	1955	20			9	0	1			L	4	
	Salem, Mis	3310	1982	30			2	0	0	38		L	8	
*Exchange N C, Marion, 1N, 3-4E														
	Spar Mt., Mis	2682	1951	430	11.7	950.1	39	0	0	27		L	3	MC Sil 4900
	McClosky, Mis	2763	1951	#			6	0	0			L	6	
	St. Louis, Mis	2946	1972	40			25	0	0	37		L	6	
	Salem, Mis	3080	1967	100			5	0	0			L	11	
				ABD 1952, REV 1955, ABD 1959, REV 1965										
*Exchange W, Marion, 1N, 3E														
	Ohara, Mis	2540	1957	320	5.8	306.7	26	0	0	8				Mis 3309
	Spar Mt., Mis	2570	1966	230	#		1	0	0			L	7	
	McClosky, Mis	2650	1957	#			10	0	0	37		S	6	
	St. Louis, Mis	2720	1967	160			11	0	0			L	6	
	Salem, Mis	2860	1983	30			9	0	0	38		L	11	
							1	0	0			L	4	
*Fairman, Marion, Clinton, 3N, 1E, 1W														
	Benoist, Mis	1435	1939	610	7.4	2175.5	62	0	0	19	38	S	10	Ord 4100
	Trenton, Ord	3950	1957	300			44	0	0		40	L	20	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft) cov ery	Area in acres	Production (1000 barrels)			Number of wells				Character of oil			Pay zone Kind of rock	Depth Zone (ft)
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing end of year	GR.	API	Sul- fur per- cent	Thi- ckn- ess	Str- uct- ure	
Fancher, Shelby, 10N, 4E	Benoist, Mis	1749 1962	10 ABD 1962	0.0	0.0	1	0	0	0	34	S	3	Mis	1889	
Fayetteville, St Clair, 2S, 6W	Cypress, Mis	540 1984	10 ABD 1986	0.0	0.0	1	0	1	0		S	8	Mis	605	
Fehrer Lake, Gallatin, 9S, 10E	Aux Vases, Mis	2672 1963	10 ABD 1966	0.0	4.7	1	0	0	0	36	L	8	Mis	2862	
Ferrin, Clinton, 2N, 1W	Devonian Trenton, Ord	2840 1976 3930 1976	10 10 ABD 1980	0.0	0.0	1	0	0	0		L	7 18	Ord	3956	
Ficklin, Douglas, 16N, 8E	Spar Mt., Mis	1470 1969	70	0.0	38.8	5	0	0	5		S	8	Cam	5301	
Fitzgerrell, Jefferson, 4S, 1E	Benoist, Mis Aux Vases, Mis	2760 1944 2800 1944	10 10 10 ABD 1952	0.0	16.0	1	0	0	0	37	S	5	Mis	3012	
*Flora S, Clay, 2N, 6E	Spar Mt., Mis McClosky, Mis St. Louis, Mis Salem, Mis Ullin, Mis	1946 2962 1982 2985 1946 3300 1983 3493 1982 3698 1982	320 270 1 70 60 10 ABD 1961, REV 1982	41.8	431.2	21 6 9 5 5 1	1	0	16		S	8 4 4 7 9	Dev	4900 AC	
Flora Se, Clay, 2N, 6E	McClosky, Mis	3073 1972	100	3.0	77.2	8	0	0	7		L	5	Dev	5030	
Forsyth, Macon, 17N, 2E	Silurian	2118 1963	1200	31.4	409.4	84	1	0	74	38	L	14	Ord	2890	
Francis Mills, Saline, 7S, 7E	Tar Springs, Mis Cypress, Mis	1952 2258 1985 2675 1952	30 10 20	3.2	104.6	3 1 2	1	0	3		S	2 5	Mis	3238	
Francis Mills S, Saline, 7S 7E	Ohara, Mis Spar Mt., Mis	1955 3010 1955 3042 1962	20 20 #	0.0	5.6	2 2 1	0	0	0	37	L	11 6	Mis	3180	
Freeburg +, St. Clair, 1-2S, 7W (Now Freeburg Gas Storage Project)	Cypress, Mis	380 1955	20 NOW FREEBURG GAS STORAGE PROJECT	0.0	0.0	2	0	0	0	30	S	30	C	Ord	2008
Freemanspur, Williamson, 8S, 2E	Aux Vases, Mis	2500 1968	60 ABD 1971, REV 1975, ABD 1979	0.0	4.0	3	0	0	0		S	13	Mis	2779	
Friendsville Cen, Wabash, 1N, 13W	Bethel, Mis Aux Vases, Mis Ohara, Mis Spar Mt., Mis McClosky, Mis	1946 2330 1946 2585 1980 2597 1972 2629 1972 2656 1980	230 50 10 180 # ABO 1956, REV 1972	0.6	178.2	17 5 1 8 3 1	0	0	6	35	S S L S OL	15 5 8 4 3	Mis	3400	
*Friendsville N, Wabash, 1N, 12-13W	Biehl, Penn Bethel, Mis	1946 1620 1946 2308 1959	340 220 20	2.9	298.9	33 21 2	1 0 0	1	13	34 35	S S	12 11	MC MC M	Mis	3221

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of proved name and age	Area depth distance (ft)	Production during 1986 (1000 barrels)	Number of wells			Character of oil		Pay zone	Deepest test					
					To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	An- Aban- doned year	Pro- duc- ing end of 1986	Sul- fur per- cent	Kind of rock ess	Thi- ckn- ess	Str- uct- ure	Depth Zone (ft)		
*Friendsville N, Wabash, 1N, 12-13W											(Continued from previous page)					
Ohara, Mis	2485	1984	100		6	0	0			L	5					
Spar Mt., Mis	2555	1984	#		1	0	1			SOL	6					
McClosky, Mis	2500	1984	#		3	1	0				3					
Frogtown, Clinton, 2N, 3-4W																
Cypress, Mis	950	1918	90	0.0	ABD	1933, REV	1949,	x	ABo	1956	S	ML	Trn	3290		
*Frogtown N, Clinton, 2-3N, 3-4W																
St. Louis, Mis	1200	1951	440	8.6	2189.0	37	0	0	21	35	L	R	Sil	2456		
Devonian	2210	1951	60			5	0	0		35	Rd	Rd				
Silurian	2240	1951	410	x		11	0	0		35	L	8	R			
Galatia N, Saline, 7S, 5E																
Aux Vases, Mis	3216	1980	60	4.5	61.5	4	0	0	4	S	5	Mis	4544			
Spar Mt., Mis	3391	1980	50			3	0	0			S	6				
**Gards Point C, Wabash, 1N, 14W																
Ohara, Mis	2870	1951	1340	32.7	1338.6	79	0	0	57	40	L	6	MC	4205		
Spar Mt., Mis	2880	1981	1000	#		56	0	0			SOL	6				
McClosky, Mis	2905	1976	#			1	0	0				6				
Salem, Mis	3375	1980	390			2	0	0			OL	8				
Ullin, Mis	3698	1975	10			25	0	0			L	8				
Gays, Moultrie, 12N, 6E																
Aux Vases, Mis	1946	1946	100	4.4	127.0	8	0	1	2	36	S	5	Oev	3305		
Carper, Mis	1970	1946	80			2	0	0		37	ML	16	ML			
Devonian	2963	1963	20			2	0	1		38	S	3	MC			
	3205	1955	30			2	0	0								
*Germantown E, Clinton, 1-2N, 4W																
Silurian	2350	1956	520	10.2	2077.7	35	0	0	30	40	L	30	R	Trn	3310	
*Gila, Jasper, 7-8N, 9E																
McClosky, Mis	2850	1957	510	0.0	1052.9	35	0	0	2	39	OL	3	MC	Sil	4500	
Gillespie-Wyen, Macoupin, 8N, 6W																
Pennsylvanian	650	1915	90	1.6	x	25	0	0	4	28	S	T	Ord	2560		
Glenarm, Sangamon, 14N, 5W																
Silurian	1680	1955	130	0.0	61.1	9	0	0	1	40	L	9	MU	Sil	1821	
*Goldengate C, Wayne, White, Edwards, 2-4S, 9-10E																
Cypress, Mis	1939	1960	9240	256.5	19757.8	692	22	2	326	36	S	8	A	Dev	5522	
Bethel, Mis	2942	1960	100			5	0	0		37	S	11	A			
Aux Vases, Mis	3110	1951	390			24	1	0		37	HL	15	AL			
Ohara, Mis	3180	1944	4100			232	8	0		40	0.14	OL	6	AC		
Spar Mt., Mis	3250	1943	6020			82	0	0		39	LS	7	AC			
McClosky, Mis	3275	#				116	2	0		38	L	10	AC			
Salem, Mis	3310	1939	#			230	8	2		36	0.19	LL	30			
St. Louis, Mis	3430	1952	90			7	0	0		40	L	9	A			
Ullin, Mis	4130	1975	480			34	1	0			LL	10				
Dutch Creek, Oev	4125	1961	480			31	3	0		39	LS	10	A			
	5346	1961	360			17	0	0		39	S					
Goldengate E, Wayne, 3S, 9E																
Ohara, Mis	1951	80	4.8	51.0		6	0	0	4	37	L	3	Mis	4290		
Spar Mt., Mis	3290	1951	80			2	0	0			SOL	4				
McClosky, Mis	3340	1976	#			1	0	0				5				
	3360	1984	#			3	0	0								
*Goldengate N C, Wayne, 1-2S, 8-9E																
Bethel, Mis	1945	1952	1660	67.7	1241.1	124	8	0	101	38	S	3	M	Mis	4750	
Renault, Mis	3220	1984	10			2	0	0			SS	36	ML			
Aux Vases, Mis	3235	1948	710			1	0	0			S	25	ML			
(Continued on next page)																

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of proven depth (ft)	Area covered in acres	Production (1000 barrels)		Number of wells			Character of oil			Pay zone	Deepest test Zone (ft)			
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned in 1986	Pro- duc- ing year 1986	GR. API	Sul- fur per- cent	Kind rock ess ckn- ess uct- ure				
*Goldengate N C, Wayne, 1-2S, 8-9E												(Continued from previous page)				
Ohara, Mis		3300	1945	1170		20	0	0	37	L	4	MC				
Spar Mt., Mis		3325	1945	#		34	1	0	37	L	5	MC				
McClosky, Mis		3350				43	4	0	39	L	6	MC				
Salem, Mis		4010	1983	50		4	2	0		L	8					
Ullin, Mis		4315	1984	40		3	1	0		L	7					
Grandview +, Edgar, 12-13N, 13W																
Pennsylvanian		560	1945	100	0.3	10.3	10	0	0	8	30	S	10	M	Ord	2694
Grantfork, Madison, 5N, 5W																
Devonian		2000	1984	10	0.3	2.2	1	0	0	1		L	6		Sil	2400
Grayson, Saline, 8S, 7E																
Tar Springs, Mis		2200	1957	90	1.3	35.6	8	0	0	4		S	14		Mis	3051
Cypress, Mis		2515	1957	10			1	0	0			SS	6			
Aux Vases, Mis		2913	1961	30			2	0	0	37		SS	4			
Spar Mt., Mis		1981		10			1	0	0	38		SS				
McClosky, Mis		2920	1957	50			1	0	0			L	6			
ABO 1972, REV 1981							3	0	0	37						
Greenville Gas +, Bond, 5N, 3W																
Lingle, Dev		2240	1957	10	0.0	0.0	1	0	0	0	38	L	5	A	Trn	3184
ABD 1958																
Griggsville, Pike, 4S, 3W																
Silurian		400	1983	10	0.0	0.0	1	0	1	0		L	6		Ord	820
ABD 1986																
Hadley, Richland, 4N, 14W																
Spar Mt., Mis		2970	1976	250	3.4	24.6	15	0	4	4		S	10		Mis	4415
McClosky, Mis		3253	1985	240			14	0	4			L	3			
10							1	0	0							
*Half Moon, Wayne, 1S, 9E																
Aux Vases, Mis		3190	1947	1270	1.7	3306.4	69	0	0	17	38	S	18	M	Dev	5369
Ohara, Mis		3280	1951	20			1	0	0			SS	11	ML		
Spar Mt., Mis		3280	1947	1240			39	0	0	40		SS	4	MC		
McClosky, Mis		3300	1947	#			11	0	0			SS	10	MC		
Salem, Mis		3985	1977	20			22	0	0	37		SS	6			
20							2	0	0			L				
Half Moon E, Edwards, 1S, 10E																
McClosky, Mis		3375	1982	10	0.0	0.0	1	0	0	1		L	4		Mis	3465
ABD 1986																
*Hanco +, Saline, 8S, 5E																
Waltersburg, Mis		1954	1985	1460	175.8	2324.2	124	10	0	64		S	6		Knox	8729
Tar Springs, Mis		2183	1985	130			11	8	0			SS	8			
Hardinsburg, Mis		2290	1984	240			22	5	0			SS	6			
Cypress, Mis		2330	1956	30			1	0	0			SS	4			
Sample, Mis		2618	1959	60			5	1	0			SS	8			
Aux Vases, Mis		2675	1954	30			4	0	0			SS	15			
Ohara, Mis		2860	1900	1000			76	0	0			SS	10			
Spar Mt., Mis		2965	1956	240			7	0	0			LS	10			
McClosky, Mis		2970	1956	#			9	1	0			LS	23			
3174	1986	10					1	1	0			L				
*Hanco E +, Saline, 8S, 5E																
Cypress, Mis		1955	1955	330	1.6	389.5	30	0	0	7	38	S	20		Mis	3900
Aux Vases, Mis		2575	1955	120			12	0	0			SS	8			
Ohara, Mis		2865	1956	220			13	0	0			SS	14			
40							4	0	0			L				
*Harrisburg +, Saline, 8S, 6E																
Waltersburg, Mis		1952	1955	100	1.3	294.6	10	0	0	2	38	S	14		Mis	2967
Tar Springs, Mis		2020	1955	90			9	0	0			SS	6			
10							1	0	0			SS				
ABD 1971, REV 1981																
Harrisburg S, Saline, 9S, 6E																
Cypress, Mis		2300	1955	10	0.0	0.0	1	0	0	0	37	S	9		Mis	2352
ABD 1956																

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covered in acres	Production (1000 barrels)			Number of wells			Character of oil			Pay zone	Deepest test Depth (ft)
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	An- Aban- doned in 1986	Pro- duc- ing end of year 1986	Sul- fur per- cent	Kind of rock ess- ess	Thi- ckn- uct- ure		
Harrisburg W, Saline, 9S, 6E	Tar Springs, Mis	1944 1974	30	0.0	7.3	3	0	0	1		S	18	Mis	2903
Harristown, Macon, 16N, 1E	Silurian	2050 1954	1550	28.7	781.0	94	3	2	77	39	L	3	MU	Sil 2200
Harristown S, Macon, 16N, 1E	Silurian	2140 1975	120	1.1	138.3	9	1	0	5		L	20	MU	Sil 2219
Hayes, Douglas, Champaign, 16N, 8E	Trenton, Ord	893 1963	480	0.0	154.7	43	0	0	5	31	L	90	Cam	3430
Helena, Lawrence, 2N, 13W													C	Mis 3609
	Ohara, Mis	1969 1985	90	0.7	5.8	8	0	0	4		L	4		
	Spar Mtn, Mis	2914 1985	10			1	0	0			S	15		
	McClosky, Mis	2902 1984	30			3	0	0			S	18		
	St. Louis, Mis	2899 1985	10			3	0	0			S	3		
	Salem, Mis	2978 1969	10			1	0	0			L	5		
		2822 1984	40			4	0	0			L	5		
						ABD 1973, REV 1984								
*Herald C +, White, Gallatin, 6-8S, 9-10E														
	Pennsylvanian	1940	8570	441.7	19950.3	733	29	2	369	29	S	10	A	Dev 5285
	Pennsylvanian	1060	420			1	0	0			S	15	AL	
	Pennsylvanian	1500	1940	#		23	0	0			S	18	AL	
	Pennsylvanian	1750		#		6	1	0			S	4		
	Pennsylvanian	1881	1985	#		1	0	0			S	10		
	Pennsylvanian	1927	1985	#		1	0	0			S	10		
	Deagonia, Mis	1920 1947	80			3	0	0			S	12	AL	
	Clore, Mis	1965	60			2	0	0			S	10	AL	
	Palestine, Mis	1940	20			3	0	0			S	20	AL	
	Waltersburg, Mis	2240 1947	530			46	0	0			S	10	A	
	Tar Springs, Mis	2260 1944	940			74	8	0			S	13	A	
	Cypress, Mis	2660 1947	2860			227	8	0			S	14	A	
	Bethel, Mis	2790	240			25	1	0			S	11	AL	
	Aux Vases, Mis	2920 1943	3540			271	2	1			S	6	AL	
	Ohara, Mis	2965	850			18	4	0			L	6	AC	
	Spar Mt., Mis	3005	#			19	1	0			L	4	AC	
	McClosky, Mis	3010 1945	#			37	3	0			L	10	AC	
	St. Louis, Mis	3234 1981	600			35	0	1			L	7		
	Salem, Mis	3870 1976	20			25	0	0			L	5		
	Ullin, Mis	3960 1977	320			25	10	0			L	12		
Herrick S, Fayette, 8N, 2E	Devonian	3152 1982	60	0.0	0.0	4	0	0	3		L	14	Dev	3200
Herrin, Williamson, 8S, 2E	Cypress, Mis	2221 1965	10	0.0	2.0	1	0	0	0	38	S	9	Mis	2682
Hersman, Brown, 1S, 3W	Silurian	650 1983	10	0.0	0.0	1	0	0	1				Ord	1170
*Hickory Hill, Marion, 1N, 4E														
	Cypress, Mis	1964	90	0.1	25.7	8	0	0	1				Dev	4750
	Benoist, Mis	2478 1964	10			1	0	0						
	Aux Vases, Mis	2645 1964	20			2	0	0						
	Spar Mt., Mis	2770 1985	10			3	0	0						
	Salem, Mis	2833 1964	30			3	0	0						
		3220 1982	10			1	0	0						
						ABD 1972, REV 1978, ABD 1981, REV 1985								
Hidalgo, Jasper, 8N, 10E														
	McClosky, Mis	1940	260	0.9	73.5	21	0	0	12				Dev	4332
	St. Louis, Mis	2575 1940	250			20	0	0						
		2641 1980	10			1	0	0						
						ABD 1952, REV 1965								
Hidalgo E, Jasper, 8N, 10E														
	Aux Vases, Mis	1966	740	3.4	265.5	50	0	0	44				Mis	3048
	Spar Mt., Mis	2264 1979	40			3	0	0						
	McClosky, Mis	2342 1979	700			1	0	0						
		2467 1966	#			48	0	0						

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone	Deepest test Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing end of year	GR. API	Sul- fur per- cent	Kind of rock	Thi- ckn- ess	Str- uct- ure
Hidalgo N, Cumberland, 9N, 9E														
	Spar Mt., Mis	2655 1946	300	2.2	97.2	21	4	1	14	37	37	S OL	12	Mis 3252
	McClosky, Mis	2676 1959	#			11	0	0					9	
Hidalgo S, Jasper, 8N, 10E														
	Aux Vases, Mis	2680 1964	2970	56.9	858.2	181	8	3	148			S S O L	6 34 4 3	Dev 4231
	Spar Mt., Mis	2660 1981	10			1	0	0						
	McClosky, Mis	2628 1964	2970			21	0	0						
	St. Louis, Mis	2721 1986	#			162	8	3		37				
			10			1	1	0						
Highland, Madison, 4N, 5W														
	Hardin, Dev	1941 1960	10	0.0	0.0	1	0	0	0	37	S	7	U	Dev 1983
Hill, Effingham, 6N, 6E														
	Aux Vases, Mis	2530 1943	90	1.9	69.5	8	0	0	4			S S L	8 4 5	Mis 2963
	Spar Mt., Mis	2547 1978	20			2	0	0						
	McClosky, Mis	2565 1943	80			2	0	0						
			#			162	8	3		39				
*Hill E, Effingham, 6N, 6E														
	Cypress, Mis	2460 1954	500	2.1	1317.9	39	0	0	3	37	S S L O	8 10 5 14	Oev 4500	
	Aux Vases, Mis	2650 1955	290			26	0	0						
	Spar Mt., Mis	2650 1957	10			1	0	0						
	McClosky, Mis	2700 1954	260			2	0	0						
	St. Louis, Mis	2929 1966	#			10	0	0						
Hillsboro, Montgomery, 9N, 3W														
	Lingle, Oev	2012 1962	30	0.0	0.2	3	0	0	0	36	S	4	Oev	2153
Hoffman, Clinton, 1N, 2W														
	Cypress, Mis	1190 1939	360	7.6	896.4	54	0	0	31		S S S	11	A	Dev 2914
	Benoist, Mis	1320 1939	190			16	0	0						
			240			39	0	0	36	0.21				
Holliday, Fayette, 9N, 3E														
	Devonian	3150 1977	10	0.0	0.0	1	0	0	0		S	6	Oev	3237
Hoodville E, Hamilton, 5S, 7E														
	McClosky, Mis	3365 1944	40	0.0	0.6	2	0	0	0	37	L	3	A	Mis 4461
*Hord, Clay, 5N, 6E														
	Aux Vases, Mis	2702 1950	330	1.8	618.2	23	2	2	4	38	S L	10	M	Mis 2954
	Ste. Gen., Mis	2800 1950	120			9	0	1		37				
			280			14	0	1						
Hord N, Effingham, 6N, 6E														
	Cypress, Mis	2430 1958	60	2.7	205.9	6	0	0	4	33	S S	14		Mis 2938
	Aux Vases, Mis	2633 1959	40			3	0	0		38				
			30			3	0	0	38					
*Hord S C, Clay, 5N, 6E														
	Aux Vases, Mis	2735 1942	410	3.8	1825.5	30	0	0	3	37	S L	8	A	Mis 3460
	Ste. Gen., Mis	2790 1942	70			4	0	0		36				
			390			27	0	0	36					
Hornsby Nw, Macoupin, 9N, 6W														
	Pennsylvanian	587 1980	20	0.0	0.0	2	0	0	2		S	30	Pen	666
Hornsby S, Macoupin, 8N, 6W														
	Pennsylvanian	640 1956	60	0.0	0.0	5	1	1	0	28	S	1	Pen	715
			ABO 1957, REV 1959, ABD 1960, REV & ABO 1986											

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proven depth (ft)	Area covered in acres	Production (1000 barrels)			Number of wells			Character of oil		Pay zone	Deepest test Zone (ft)				
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	An- Aban- doned year	Pro- duced end of 1986	GR. API	Sul- fur per- cent						
Hoyleton W, Washington, 1S, 2W	Clear Creek, Oev	2895	1955	10	ABO 1964	0.0	3.7	1	0	0	0	39	0	12	U	Sil	2965
Huey, Clinton, 2M, 2W	Benoist, Mis	1260	1945	120	ABO 1974, REV	0.0	7.7	10	0	0	3	34	S	6	AL	Oev	2851
Huey S, Clinton, 1-2M, 2-3W	Cypress, Mis Silurian	1080 2585	1953 1956	310 110	190	2.3	297.0	23 17 6	0 0 0	0 0 0	11 34 40	5	S L	10	Sil	2675	
Hunt City, Jasper, 7M, 10E	Spar Mt., Mis McClosky, Mis	2540 2525	1945 1980	60 #	60	1.4	10.6	6 2 4	1 0 1	1 1 0	4 37	30	S OL	10 33	ML	Mis	3020
Hunt City E, Jasper, 7M, 14W	Aux Vases, Mis Ohara, Mis Spar Mt., Mis Fredonia, Mis St. Louis, Mis	1634 1840 1958 2000 2187	1952 1984 1985 1952 1966	850 120 40 650 10	171.1 #	602.4	62	22	1	53	5	S L	5 3 8 6 20	Sil	3660		
Hunt City S, Jasper, 7M, 14W	Spar Mt., Mis McClosky, Mis	2392 2341	1966 1966	110 #	30	0.2	25.6	7 6	0 0	0 0	3 38	6	S L	6 4	Oev	4024	
Hutton, Coles, 11N, 10E	Pennsylvanian	530	1939	20	ABO 1946	0.0	1.9	2	0	0	0	30	S	15	Ord	3437	
Illiopolis, Sangamon, 16N, 2W	Silurian	1765	1977	60	0.8	17.0	2	0	0	2	L	3	Sil	1823			
*Ina, Jefferson, 4S, 2-3E	Renault, Mis Aux Vases, Mis Spar Mt., Mis McClosky, Mis St. Louis, Mis Salem, Mis	2725 2682 2775 2775 3000 3210	1938 1958 1957 1957 1938 1957	430 30 110 # 90 40	150 30 # # # #	0.0	749.4	28 3 3 4 8 4	0 0 0 0 0 0	0 36 36 35 37 37	14 26 10 10 0.20 0.20	A A A A AC AC	Oev	4630			
Ina N, Jefferson, 4S, 3E	McClosky, Mis	2940	1949	10	ABD 1950	0.0	0.7	1	0	0	0	35	L	4	Mis	3689	
Inclose +, Edgar, Clark, 12N, 13-14W	Isabel, Penn	345	1941	110	0.3	3.5	15	0	0	4	30	S	AL	Oev	1604		
*Ingraham C, Clay, 4N, 8E	Tar Springs, Mis Aux Vases, Mis Ohara, Mis Spar Mt., Mis McClosky, Mis Salem, Mis	2332 2920 3015 3000 3075 3500	1969 1958 1982 1942 1942 1981	2360 360 2130 # # 50	10 360 # # # #	59.0	4999.2	172 29 2 61 85 5	1 1 0 0 0 0	1 1 0 0 0 0	67 38 37 37 37 37	8 10 5 7 8 6	M ML MC MC MC MC	Dev	4844		
*Inman E C, Gallatin, 7-8S, 10E	Pennsylvanian Pennsylvanian Ogallala, Mis Clare, Mis Palestine, Mis Waltersburg, Mis Tar Springs, Mis	780 1450 1690 1725 1840 1980 2080	1940 1969 1942 1942 1942 1942 1940	5080 # 90 50 90 1280 1880	110 # # # # # #	77.7	22840.5	487 3 4 6 4 95 162	17 0 0 0 0 7 2	8 0 0 0 0 8 0	175 38 37 36 35 37 37	10 4 10 8 13 18 13	A AF AF AF AF AF AF	Oev	5100		

(Continued on next page)

Table 7 (continued)

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year Depth (ft)	Area dis- covery in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone Kind of rock Zone	Deepest test Depth (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- dron- ing in 1986	Pro- duced end of year	Sul- fur per- cent	GR. API			
Irvington N, Washington, 1N, 1S, 1W														
	Benoist, Mis	1470	1953	250			22	0	0	39	S	6	AL	
Irvington W, Washington, 1S, 1W														
	Cypress, Mis	1460	1963	50	1.3	19.2	3	0	0	1	36	S	20	Mis 1909
*Iuka, Marion, 2N, 4E														
	Aux Vases, Mis	2528	1947	1370	65.6	1598.8	97	6	1	65	37	S	11	M Dev 4590
	Ohara, Mis	2650	1960	40			3	0	0			S	5	MC
	Spar Mt., Mis	2660		770			7	0	0			S	15	MC
	McClosky, Mis	2730	1947	#			8	0	0			S	15	MC
	St. Louis, Mis	2750		#			41	3	0			S	10	MC
	Salem, Mis	2775	1952	300			17	1	0			S	5	MC
		2999	1979	480			33	2	1			S	7	
Iuka S, Marion, 2N, 4E														
	Paint Creek, Mis	2488	1971	570	86.0	685.3	43	13	0	36		S	4	Dev 4504
	Ohara, Mis	2705	1985	10			3	1	0			S	5	
	Spar Mt., Mis	2730	1983	490			2	0	0			S	4	
	McClosky, Mis	2680	1971	#			32	10	0			S	5	
	St. Louis, Mis	2881	1982	100			8	3	0			S	6	
	Salem, Mis	3237	1981	30			3	0	0			S	11	
Iuka W, Marion, 2N, 3-4E														
	McClosky, Mis	2700	1955	60	0.3	69.7	5	0	0	2	37	L	5	Mis 3352
Jacksonville Gas +, Morgan, 15N, 9W														
	Pennsylvanian		1910	100	1.0	3.0	16	4	0	5	37	LS	5	Ord 1390
	McClosky, Mis	330	1910	100			11	1	0			S	29	
	St. Louis, Mis	272	1972	10			1	0	0			S	10	
	Salem, Mis	304	1985	30			3	3	0			S	19	
		294	1972	20			2	0	0			S		
	ABO 1937, REV 1967, ABO 1969, REV 1972													
*Johnson N, Clark, 9-10N, 14W														
	Kickapoo, Penn	315	1907	2510	x	x	669	3	0	301		S	x	AM Ord 4519
	Casey, Penn	465		#			34	0	0			S	x	AM
	Partlow, Penn	535		#			213	2	0			S	x	AM
	Claypool, Penn	415		#			51	0	0			S	x	AM
	Benoist, Mis	470	1984	60			305	0	0			S	10	AM
	Aux Vases, Mis	520	1984	70			5	1	0			S	6	AM
	McClosky, Mis	556		80			0	0	0			S	6	AM
	Carper, Mis	1325		300			12	0	0			OL	x	AM
	Devonian	1720	1973	10			1	0	0			OL	45	
	Trenton, Ord	2900	1977	180			4	0	0			OL	60	
	SEE CLARK COUNTY OIV. FOR PRODUCTION													
*Johnson S, Clark, 9N, 14W														
	Claypool, Penn	390	1907	2080	x	x	714	0	0	209		S	60	AM Dev 2460
	Casey, Penn	450		#			40	0	0			S	x	AM
	Partlow, Penn	490		#			61	0	0			S	48	AM
	Partlow, Penn	600		#			435	0	0			S	48	AM
	Aux Vases, Mis	717	1961	40			230	0	0			S	21	A
	Carper, Mis	1740	1971	20			1	0	0			SL	22	
	Devonian	1920	1975	20			1	0	0			SL	x	
	SEE CLARK COUNTY OIV. FOR PRODUCTION													
*Johnsonville C, Wayne, 1N, 1S, 6-7E														
	Bethel, Mis	2950	1940	9600	124.2	55247.7	533	1	0	215		S	12	Trn 6460
	Aux Vases, Mis	3020		30			3	0	0			S	20	AL
	Ohara, Mis	3120	1943	3220			182	1	0			S	10	AC
	Spar Mt., Mis	3150		#			36	0	0			OL	8	AC
	McClosky, Mis	3170	1940	#			14	0	0			OL	15	AC
	St. Louis, Mis	3256	1961	140			455	0	0			OL	14	A
	Salem, Mis	3852	1960	350			13	0	0			LL	14	AC
	Ullin, Mis	3933	1980	20			21	0	0			LL	5	
	SEE CLARK COUNTY OIV. FOR PRODUCTION													
Johnsonville N, Wayne, 1N, 1S, 6E														
	Ohara, Mis	3190	1943	190	0.0	97.8	11	0	0	0		OL	3	Dev 5150
	Spar Mt., Mis	3220		#			1	0	0			OL	8	AC
	McClosky, Mis	3250	1943	#			10	0	0			OL	3	AC
	ABO 1966, REV 68, ABO 69, REV 80, ABO 84													

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth (ft)	Area dis- covery in acres	Production (1000 barrels)		Number of wells			Character of oil			Pay zone	Deepest test Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing end of 1986 year	GR.	Sul- fur per- cent	Kind of rock ess- ure		
*Johnsonville S, Wayne, 1S, 6E														
	Aux Vases, Mis	3060	1942	1370	52.3	2160.3	111	0	0	69	38	S	15 A	
	Ohara, Mis	3160	1977	500	#		39	0	0			L	5 L	
	Spar Mt., Mis	3160		460			4	0	0			L	4 AC	
	McClosky, Mis	3200	1942	#			5	0	0			L	5 AC	
	St. Louis, Mis	3290	1977	20			21	0	0		38	L	6	
	Salem, Mis	3772	1975	750			49	0	0			L	30	
*Johnsonville W, Wayne, 1N, 1S, 5-6E														
	Bethel, Mis	2925	1942	880	1.2	2334.8	71	0	2	16	37	S	7 M	
	Aux Vases, Mis	2900	1943	40			1	0	0		37	S	6 ML	
	Ohara, Mis	2930	1952	440			37	0	0			S	6 MC	
	Spar Mt., Mis	3015		390			5	0	0			L	4 MC	
	McClosky, Mis	3100	1942	#			10	0	2			L	7 MC	
	Ullin, Mis	3823	1978	10			19	0	0		40	L	19	
*Johnston City E, Williamson, 8S, 3E														
	Cypress, Mis	2290	1959	290	3.8	1180.2	20	0	0	13	37	S	20	
	Bethel, Mis	2500	1975	130			9	0	0			S	5	
	Aux Vases, Mis	2620	1962	10			1	0	0			S	10	
	Ohara, Mis	2660	1975	260			12	0	0		36	L	5	
	Spar Mt., Mis	2660	1963	20			1	0	0			L	7	
	McClosky, Mis	2680	1963	#			2	0	0			OL	12	
*Johnston City N E, Williamson, 8S, 3E														
	Aux Vases, Mis	2818	1969	50	0.5	238.2	4	0	0	4		S	16	
*Junction, Gallatin, 9S, 9E														
	Pennsylvanian	1939	1947	380	1.4	708.4	32	0	0	7	35	S	7 M	
	Waltersburg, Mis	1150	1947	30			4	0	0			S	ML	
	Hardinsburg, Mis	1750	1939	300			26	0	0		37	S	14 ML	
	Cypress, Mis	2120	1949	30			1	0	0			S	5	
	McClosky, Mis	2275	1954	20			2	0	0		37	S	12 ML	
		2730	1955	10			1	0	0			L	9 MC	
*Junction E, Gallatin, 8-9S, 9E														
	Waltersburg, Mis	1953	1953	190	3.2	168.3	12	0	0	8	37	S	14	
	Tar Springs, Mis	2000	1953	140			8	0	0			S	25	
	Ohara, Mis	2119	1973	10			1	0	0			L	8	
*Junction N, Gallatin, 8-9S, 9E														
	Pennsylvanian	1946	1947	280	1.3	264.6	25	0	0	11	36	S	16 M	
	Waltersburg, Mis	1565	1947	100			11	0	0			S	20 ML	
	Cypress, Mis	1990	1973	80			5	0	0			S	10 ML	
	Aux Vases, Mis	2450	1954	30			3	0	0		37	S	4	
	Spar Mt., Mis	2725	1946	40			3	0	0			L	6 MC	
Junction City C, Marion, 2N, 1E														
	Dykstra, Penn	510	1910	170	0.7	38.1	18	0	0	12	32	S	AL	
	Wilson, Penn	680	1952	170	#		11	0	0			x	AL	
Keensburg E, Wabash, 2S, 13W														
	Ohara, Mis	1939	1945	40	0.0	14.5	3	0	0	0		L	10 M	
	McClosky, Mis	2705	1945	40			1	0	0			S	MC	
		2710	1939	#			2	0	0		38	0.26	L	6 MC
*Keensburg S, Wabash, 2-3S, 13W														
	Pennsylvanian	1944	1944	340	9.3	1163.9	32	1	0	17	33	S	15 A	
	Cypress, Mis	1145	1944	150			16	0	0			S	9 AL	
	Ohara, Mis	2385	1951	130			11	0	0		36	L	10 AL	
	Salem, Mis	2715	1944	40			3	1	0		38	L	8 AC	
*Keenville, Wayne, 1S, 5E														
	Renault, Mis	2935	1945	1560	102.5	5425.1	132	1	0	78		S	4 A	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year Depth (ft)	Area dis- covery acres	Production (1000 barrels)			Number of wells			Character of oil		Pay zone Kind of rock	Depth test Zone (ft)
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	An- dro- ducing in 1986	Pro- duced end of year	Sul- fur per- cent	GR. API		
*Keenville, Wayne, 1S, 5E													
	Aux Vases, Mis	2960	1945	430			32	0	0	37	S	20	AL
	Ohara, Mis	3050	1946	660			5	0	0		L	8	AC
	Spar Mt., Mis	3060		#			15	0	0		L	10	AC
	McClosky, Mis	3100		#			31	0	0	37	L	7	AC
	St. Louis, Mis	3238	1982	10							L	7	
	Salem, Mis	3620	1977	880			53	0	0	37	L	8	
	Devonian	5005	1982	10			1	0	0	37	L	8	
(Continued from previous page)													
Keenville E, Wayne, 1S, 5E													
	Spar Mt., Mis	3075	1951	170	5.8	147.1	13	2	0	8	L	4	
	McClosky, Mis	3120	1967	90			6	0	0	37	L	10	
	St. Louis, Mis	3190	1951	#			3	1	0	39	L	10	
	Salem, Mis	3709	1977	90			9	2	0		L	10	
Kell, Jefferson, 1S, 3E													
	McClosky, Mis	2625	1942	50	0.0	14.2	5	0	0	0	37	0.26	L
				ABO	1944, REV	1958, ABD					6	A	Mis
Kell E, Jefferson, Marion, 1N-1S, 3E													
	McClosky, Mis	2640	1979	220	8.4	195.0	18	0	0	15	L	2	
	St. Louis, Mis	2841	1981	10			1	0	0		L	8	
	Salem, Mis	3072	1979	170			15	0	0		L	8	
		3072	1980	50			5	0	0				
Kell N, Marion, 1N, 3E													
	Spar Mt., Mis	2420	1976	90	0.0	17.1	8	0	0	8	S	3	
	St. Louis, Mis	2695	1982	10			2	0	0		L	4	
	Salem, Mis	2770	1976	20			7	0	0		L	4	
Kell W, Marion, 1N, 2E													
	McClosky, Mis	2354	1962	10	0.0	0.8	1	0	0	0	38	OL	6
				ABD	1964								Mis
Kellerville, Adams, Brown, 1-2S, 5W													
	Silurian	637	1959	870	1.5	305.6	79	2	2	34	37	0	7
											TC	Stp	1075
*Kenner, Clay, 3N, 5-6E													
	Tar Springs, Mis	2200	1942	1310	18.9	2613.1	113	1	0	27	S	7	AL
	Benoist, Mis	2690	1945	10			1	0	0	37	S	10	A
	Renault, Mis	2761	1958	710			57	0	0	37	S	9	A
	Aux Vases, Mis	2835	1943	250			18	0	0	37	S	9	AL
	Spar Mt., Mis	2875	1947	850			49	0	0	38	S	5	AC
	McClosky, Mis	2930	1945	#			6	0	0		LS	7	AC
	St. Louis, Mis	2978	1964	20			8	0	0	37	L	4	
	Carper, Mis	4221	1959	10			2	0	0	37	L	10	A
	Devonian	4424	1959	50			1	0	0	39	L	55	
							3	1	0	36			
*Kenner N, Clay, 3N, 6E													
	Benoist, Mis	2755	1947	390	0.0	888.6	36	0	0	1	37	8	
	McClosky, Mis	2970	1947	390			31	0	0	37	L	6	AC
Kenner S, Clay, 2N, 5E													
	Benoist, Mis	2730	1950	40	0.0	20.6	4	0	0	0	37	5	Dev
	Aux Vases, Mis	2768	1967	20			2	0	0	37	S	6	
	McClosky, Mis	2870	1971	10			1	0	0	37	L	10	AC
		2870	1950	30			4	0	0	37			
*Kenner W, Clay, 3N, 5E													
	Cypress, Mis	2600	1947	410	2.5	2136.9	36	0	0	9	S	26	Dev
	Benoist, Mis	2705	1947	350			27	0	0	37	S	9	
	Renault, Mis	2802	1960	230			16	0	0	38	S	10	A
	Aux Vases, Mis	2837	1960	10			1	0	0	37	SS	24	
	McClosky, Mis	2870	1947	110			8	0	0	38	L	4	A
	Lingle, Dev	4490	1983	20			2	0	0	38	S	15	
							1	0	0				

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of proved	Area (1000 acres)	Production (1000 barrels)			Number of wells			Character of oil		Pay zone	Kind of rock	Thick- ness	Struc- ture	Depth Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duced end of 1986	GR.	Sul- fur per- cent						
Keyesport, Clinton, 3N, 2W	Benoist, Mis	1180	1949	180	1.7	179.1	20	0	0	12	35	\$	8	AL	Mis	1358	
*Kincaid C, Christian, 13-14N, 3W	Cedar Valley, Oev	1955	2660	69.8	5976.0	152	0	0	104	38	0S	0	19	MU	Sil	2011	
	Silurian	1800	1955	2620	50	147	0	0	38	38	7	MU					
		1874	1959			5	0	0									
*King, Jefferson, 3-4S, 3E	Renault, Mis	1942	1440	2.2	3759.6	113	0	0	33	39	S	x	A	Ord	6015		
	Aux Vases, Mis	2718	1959	10		1	0	0									
	Ohara, Mis	2725	1942	1390		105	0	0									
	Spar Mt., Mis	2765	1942	320		11	0	0									
	McClosky, Mis	2815		#		7	0	0									
		2840	1942	#		4	0	0									
King N, Jefferson, 3N, 3E	Ohara, Mis	1981	240	32.6	216.2	12	0	0	12		L	8		Mis	4050		
	McClosky, Mis	2875	1981	210		1	0	0									
	St. Louis, Mis	2910	1981	#		11	0	0									
		3070	1981	10		1	0	0									
Kinmundy, Marion, 4N, 2-3E	Benoist, Mis	1950	410	24.1	194.4	29	1	5	20	34	S	3	A	Oev	3650		
	Aux Vases, Mis	1915	1950	20		3	0	0									
	St. Louis, Mis	2061	1985	10		1	0	0									
	Salem, Mis	2360	1985	10		1	0	0									
	Carper, Mis	2430		#		2	0	0									
		3384	1962	370		25	1	5									
					ABD 1960, REV 1962												
Kinmundy N, Marion, 4N, 3E	Benoist, Mis	2050	1953	100	0.0	3.0	11	7	0	9	34	S	6		Mis	2375	
				ABD 1954, REV 1951, ABD 1974, REV 1984													
Laclede, Fayette, 5N, 4E	Benoist, Mis	2335	1943	110	6.0	59.7	13	0	1	7	36	0.18	S	15	A	Dev	4087
Lakewood, Shelby, 10N, 2-3E	Benoist, Mis	1941	130	1.6	292.9	13	1	0	4	30	S	7	A	Sil	3127		
	Aux Vases, Mis	1690	80			8	1	0									
		1720	1941	50		5	0	0									
*Lancaster, Wabash, Lawrence, 1-2N, 13W	Tar Springs, Mis	1940	2280	29.9	5484.4	172	5	2	74	31	S	3	A	Oev	4555		
	Bethel, Mis	2050	1959	10		1	0	0									
	Ohara, Mis	2540		980		1	0	0									
	Spar Mt., Mis	2670	1944	1270		6	0	0									
	McClosky, Mis	2649	1964	#		10	0	0									
	Salem, Mis	2690	1940	#		65	5	0									
		3282	1982	50		3	0	2									
Lancaster Cen, Wabash, 1N, 13W	Aux Vases, Mis	1940	480	4.9	495.2	44	0	0	20		S	12	M	Mis	3994		
	Ohara, Mis	2770	1981	60		5	0	0									
	Spar Mt., Mis	2750	1947	340		10	0	0									
	McClosky, Mis	2810	1946	#		11	0	0									
	St. Louis, Mis	2815	1947	50		5	0	0									
	Salem, Mis	3010	1980	50		4	0	0									
		3450	1981	170		13	0	0									
					ABD 1961, REV 72, ABD 76, REV 80												
*Lancaster E, Wabash, 2N, 13W	Bridgeport, Penn	1944	110	2.4	82.6	11	0	0	6		S	13	M	Mis	2760		
	Buchanan, Penn	1310	1976	80		1	0	0									
	Biehl, Penn	1410	1976	#		1	0	0									
	Benoist, Mis	1745	1944	#		7	0	0									
	Ohara, Mis	2409	1984	10		1	0	0									
	Spar Mt., Mis	2661	1985	10		1	0	0									
		2660	1947	10		1	0	0									
					ABO 1975, REV 1976												

Table 7 (continued)

Spar Mt., Mis
(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels) During 1986	Number of wells			Character of oil		Pay zone	Deepest test Zone (ft)		
					To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing year	GR.	Sul- fur per- cent	Kind rock ess	Thi- ckn- ess
Lillyville N, Cumberland, 9N, 7E													
					(Continued from previous page)								
	McClosky, Mis	2440	1974	#		5	0	0			L	20	Rd
	Salem, Mis	2840	1974	60		4	0	0			D	5	Rd
	Geneva, Dev	3825	1974	30		3	0	0			D	10	Rd
Lis, Jasper, 7N, 9E													
	Spar Mt., Mis	3022	1964	10 ABD 1967	0.0	0.5	1	0	0	0	S	5	Mis
Litchfield, Montgomery, 8-9N, 5W													
	Pennsylvanian	660	1886	160 ABO 1904, REV 42, ABO X, REV 81, ABO 82	0.0	24.0	19	0	0	0	23	0.24	S
Litchfield S, Montgomery, 8N, 5W													
	Pennsylvanian	610	1967	80	0.0	0.0	7	0	0	5	23	S	3
*Livingston, Madison, 6N, 6W													
	Pennsylvanian	535	1948	500	15.8	824.4	79	1	0	35	35	S	15
*Livingston S +, Madison, 5-6N, 6W													
	Pennsylvanian	530	1950	690	17.8	714.7	82	0	2	51	35	S	7
*Locust Grove, Wayne, 1N, 9E													
	Aux Vases, Mis	3215	1951	220	15.3	343.7	19	0	1	6	36	S	10
	Ohara, Mis	3240	1951	110			10	0	0			L	4
	McClosky, Mis	3280	1951	#			1	0	0		37	L	6
Locust Grove S, Wayne, 1S, 9E													
	Aux Vases, Mis	3155	1952	300	15.9	168.1	23	4	0	12		S	6
	Ohara, Mis	3248	1958	60			6	2	0			L	6
	Spar Mt., Mis	3300	1953	240			4	2	0		39	L	10
	McClosky, Mis	3286	1958	#			7	0	0		37	L	4
				ABO 1971, REV 72, ABO 74, REV 78, ABD 79, REV 82									
Logan, Franklin, 7S, 3E													
	Aux Vases, Mis	2920	1968	60	2.9	104.5	6	0	0	2		S	8
	Spar Mt., Mis	3028	1966	30			3	0	0			L	4
	McClosky, Mis	3082	1966	20			1	0	0			L	8
	St. Louis, Mis	3380	1981	#			1	0	0			L	
				ABO 1982									
Logootee, Fayette, 6N, 3E													
	Carper, Mis	3450	1966	30 ABO & REV 1985	0.0	0.0	3	2	0	2	34	L	8
Long Branch, Saline, Hamilton, 7S, 6E													
	Palestine, Mis	2070	1950	160	21.9	371.1	20	4	0	11		S	8
	Tar Springs, Mis	2364	1986	20			2	1	0			S	3
	Cypress, Mis	2745	1951	20			3	0	0			S	13
	Aux Vases, Mis	3095	1990	90			9	1	0			S	9
	Spar Mt., Mis	3194	1986	#			2	2	0			L	8
	McClosky, Mis	3220	1950	60			4	0	0			L	AC
	St. Louis, Mis	3374	1986	10			1	1	0			L	2
Long Branch S, Saline, 8S, 6E													
	Cypress, Mis	2660	1955	20	0.3	10.4	2	0	1	0		S	8
	Benoist, Mis	2924	1984	10			1	0	1			S	8
				ABD 1971, REV 1984, ABO 1986									
*Louden +, Fayette, Effingham, 6-9N, 2-4E													
	Cypress, Mis	1500	1937	26090	1695.3	381162.0	2759	48	2	1540	36 0.25	S	30
	Bethel, Mis	1540		22670			1882	51	2		38 0.24	S	15
	Benoist, Mis	1550	1937	10560			563	48	0		38 0.20	S	10
	Renault, Mis	1602	1985	7730			831	28	0			S	A
	Aux Vases, Mis	1600		2450			2	2	0			S	10
	McClosky, Mis	1785	1955	30			117	20	0		37 0.17	S	6
	Carper, Mis	2830	1952	50			2	0	0		37	L	4
							6	0	0		36	S	9
	(Continued on next page)												

Table 7 (continued)

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved in 1986	Area dis- covered acres	Production (1000 barrels)	Number of wells				Character of oil		Pay zone Kind Thi- rock ess Zone	Deepest test Depth (ft)	
					To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned end of 1986	Pro- duc- ing year	Sul- fur per- cent			
Maple Grove S C, Edwards, 1N, 10E													
	Salem, Mis	3850	1976	40				3	0	0		L	85
	Ullin, Mis	4170	1977	10				1	0	0		L	28
Marcoe, Jefferson, 3S, 2E													
	Spar Mt., Mis	2700	1976	70	9.8	108.7		6	1	0	6	S	18
	McClosky, Mis	2745	1938	#				1	0	0	25	0.54	MC
	6	1	0	0									
*Marine, Madison, 4N, 6W													
	Devonian	1700	1943	2470	53.9	12497.9		148	0	0	111	35	0.28
											L	20	R
											Ord	2619	
Marine W, Madison, 5N, 7W													
	Devonian	1653	1965	100	0.0	25.2		6	0	0	0	35	
				ABO 1978							L	3	
											Ord	2355	
Marion, Williamson, 9S, 3E													
	Aux Vases, Mis	2385	1950	20	0.0	0.8		2	0	0	1	40	
	Ohara, Mis	2470	1975	10				1	0	0	25	0.54	MC
				ABO 1951, REV 1975							S	5	
											L	8	
Marion E, Williamson, 9S, 3E													
	Bethel, Mis	2295	1959	10	0.3	3.4		2	0	0	0	37	
				ABO 1963, REV 1983							S	8	
											Ord	2642	
Marissa W +, St. Clair, Randolph, 3-4S, 7W													
	Cypress, Mis	215	1960	70	0.0	0.0		3	0	0	0	25	
				ABD 1966							S	3	
											Ord	2413	
*Markham City, Jefferson, 2-3S, 4E													
	Ste. Gen., Mis	3070	1942	340	7.3	1705.5		19	0	0	4	38	0.08
											L	10	A
											Mis	4050	
*Markham City N, Jefferson, Wayne, 2S, 4-5E													
	Aux Vases, Mis	2950	1944	330	16.3	1536.0		26	0	0	8	38	
	McClosky, Mis	3075	1943	120				19	0	0	37	0.24	MC
				ABO 1951, REV 1975							S	6	
											L	8	
											A	AL	
											AC	AC	
*Markham City W, Jefferson, 2-3S, 4E													
	Aux Vases, Mis	2905	1945	870	36.5	2875.9		73	2	0	34	39	
	McClosky, Mis	3035	1946	350				22	0	0	37	37	
	Salem, Mis	3774	1969	390				25	0	0	38	40	
				620				30	2	0	40	40	
											L	15	
											AC	AC	
											4	4	
*Martinsville, Clark, 9-10M, 13-14W													
	Pennsylvanian	255	1907	2740	x	x		437	17	5	195		
	Casey, Penn.	500		2440				10	0	0		S	0
	Martinsville, Mis	480		#				121	7	5		S	
	Carper, Mis	1340		680				47	7	0		S	
	Devonian	1550		1050				92	3	0		S	
	Trenton, Ord	2700		700				45	0	0		L	
				520				37	1	0		L	
												x	
												D	
												0	
SEE CLARK COUNTY DIV. FOR PRODUCTION													
*Mason N, Effingham, 6N, 5E													
	Benoist, Mis	2290	1951	270	0.2	425.8		18	0	0	11	38	
	Aux Vases, Mis	2355	1951	180				11	0	0	36		
	Spar Mt., Mis	2390	1951	10				1	0	0		S	
	McClosky, Mis	2475		120				4	0	0		L	
	Salem, Mis	2881	1982	#				4	0	0		L	
				10				1	0	0		L	
												5	
												4	
Massillon, Wayne, Edwards, 1S, 9-10E													
	Ohara, Mis	3255	1946	80	0.0	91.4		4	0	0	0	37	
	Salem, Mis	3714	1982	70				3	0	0	1	37	
				10				1	0	0	L	6	
											MC	18	
												4	
Massillon S, Edwards, 1S, 10E													
	Ohara, Mis	3315	1947	30	0.0	0.3		1	0	0	1	37	
				ABO 1947, REV 1982							L	9	
											MC	18	
												4	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year Depth (ft)	Area dis- covery in acres	Production (1000 barrels)			Number of wells			Character of oil		Pay zone Kind of rock ess	Depth Zone	Deepest test Depth (ft)
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	Aban- doned in 1986	Pro- duc- ing end of year	Sul- fur per- cent	GR. API			
*Mattoon, Coles, 11-12N, 7-8E														
Cypress, Mis		1939	6560	240.1	21390.6	654	32	3	289	39	0.16	S	13	A
Aux Vases, Mis		1750 1939	3530			276	1	1		32		SS	15	AL
Spar Mt., Mis		1900	590			30	0	0		38	0.21	S	12	A
McClosky, Mis		1950 1944	4970			425	6	2		37		LL	5	AC
Salem, Mis		2010	#			0	0	0				LL	6	
Sonora, Mis		2236 1977	60			4	0	0				LL	6	
Carper, Mis		2400 1984	440			38	26	0				SS	10	A
Devonian		2950 1955	560			34	2	0		39		S	9	A
		3162 1970	50			5	0	0		34				
*Mattoon N, Coles, 13N, 7E														
Spar Mt., Mis		1902 1960	160	0.5	381.6	12	0	0	3	40		S	12	A
Mattoon S, Cumberland, 11N, 7E														
Carper, Mis		3035 1962	60	0.0	18.0	5	0	0	2	38		S	10	A
Devonian		3252 1982	50			4	0	0				SL	26	AA
			10			1	0	0						
ABD 1966, REV 1982														
Maunie E, White, 6S, 11E														
Tar Springs, Mis		1951	100	1.2	67.0	8	1	0	3	35		S	8	AF
Aux Vases, Mis		2280 1962	10			2	1	0		35		S	20	Mis
		2870 1951	90			6	0	0		35		S	20	AF
ABD 1952, REV 1955														
*Maunie N C, White, 5-6S, 10-11E, 14W														
Pennsylvanian		1941	2280	90.5	5239.7	199	11	4	62	34		SS	20	A
Oegonia, Mis		1320	10			1	0	0				SS	4	AL
Waltersburg, Mis		2022 1985	10			1	0	0				SS	12	AL
Tar Springs, Mis		2305 1952	130			10	0	0		37		SS	10	AL
Hardinsburg, Mis		2350	180			11	0	0		35		SS	10	A
Cypress, Mis		2565	10			1	0	0		36		SS	5	
Sample, Mis		2695 1984	40			2	0	0				SS	13	AL
Bethel, Mis		2830	510			2	0	0		35		SS	13	AL
Renault, Mis		2820 1941	#			33	1	0		35		SS	12	AC
Aux Vases, Mis		2935	10			1	0	0		36		SS	4	AC
Ohara, Mis		2930 1943	1010			106	7	2		35		SS	13	AL
Spar Mt., Mis		2995 1944	900			9	1	0		37		SS	4	AC
McClosky, Mis		3025 1947	#			26	1	1		36		SS	6	AC
Salem, Mis		3035 1945	#			25	0	0		33		SS	10	AC
Ullin, Mis		3874 1980	40			1	0	0				LL	x	
		3950 1980	60			3	2	1				LL	x	
*Maunie South C, White, 6S, 10-11E														
Bridgeport, Penn		1941	1760	57.6	7688.2	179	2	0	56	24		S	7	Dev
Biehl, Penn		1400	180			11	0	0		31		SS	x	AL
Oegonia, Mis		1649 1959	#			3	0	0		35		SS	10	AL
Palestine, Mis		1900 1942	130			14	0	0		35		SS	17	AL
Waltersburg, Mis		2010 1941	640			54	0	0		35		SS	19	AL
Tar Springs, Mis		2210	20			2	0	0		37		SS	16	AF
Cypress, Mis		2270 1942	830			53	0	0		35		SS	10	AL
Bethel, Mis		2590	400			31	0	0		36		SS	x	AL
Aux Vases, Mis		2735	10			1	0	0		37		SS	12	AL
Spar Mt., Mis		2845 1941	210			17	2	0		37		SS	8	AC
McClosky, Mis		2900	40			1	0	0				LL	6	AC
St. Louis, Mis		2920	#			4	0	0		35		LL	9	AC
Salem, Mis		3293 1975	10			1	0	0				LL	x	
Ullin, Mis		3874 1973	10			1	0	0				LL	6	
		3964 1975	10			1	0	0				LL	6	
Mayberry, Wayne, 2-3S, 6E														
McClosky, Mis		1941	710	40.2	805.1	54	7	1	43	39	0.16	L	8	Ord
Salem, Mis		3350 1941	220			16	0	0				LL	8	AC
Ullin, Mis		3840 1977	240			15	1	0				LL	25	
Dutch Creek, Dev		4300 1977	110			9	1	1				LL	22	
		5300 1984	210			16	5	0				LL	22	
Mayberry N, Wayne, 2S, 6E														
McClosky, Mis		1948	60	0.0	1.4	4	0	0	3	39		L	2	Dev
Salem, Mis		3330 1948	40			2	0	0				LL	4	
Ullin, Mis		4137 1982	20			1	0	0				LL	4	
		4190 1981	10			1	0	0				LL	4	
ABO 1950, REV 1981														
Mayberry S, Hamilton, Wayne, 3S, 6E														
Salem, Mis		1981	90	2.0	48.5	5	0	0	5			L	6	Mis
Ullin, Mis		4180 1981	80			4	0	0				LL	5	
		4350 1981	10			1	0	0				LL	5	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels)			Number of wells				Character of oil		Pay zone	Deepest test Zone (ft)				
				Ouring 1986	To 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned 1986	Pro- duc- ing year	GR. API	Sul- fur per- cent	Kind rock ess	Thi- ckn- ess	Str- uct- ure				
Mechanicsburg, Sangamon, 16N, 3W																		
	Silurian	1734	1972	150	8.3	254.0		11	0	0	8		L	16	MU	Sil	1826	
*Melrose, Clark, 9N, 13W																		
	Isabel, Penn	840	1953	180	2.7	x		16	0	0	5	35	S	10		Pen	914	
Melrose S, Clark, 9N 13W																		
	Isabel, Penn	865	1953	20	0.0	0.0		2	0	0	0	35	S	7		Pen	888	
*Miletus, Marion, 4N, 4E																		
	Benoist, Mis	2140	1947	510	0.8	380.7		36	4	0	24	35	S	7	A	Oev	4000	
	Aux Vases, Mis	2200	1947	130				8	0	0			S	7	A			
	McClosky, Mis	2350	1947	170				11	0	0		36	S	7	A			
	Carper, Mis	3650	1981	290				18	4	0		36	S	30	A			
	Hardin, Oev	3820	1984	10				1	0	0			S	5				
Millersburg, Bond, 4N, 4W																		
	Devonian	2130	1967	20	0.4	15.6		3	0	0	1	38	S	2		Oev	2185	
				ABD 1971														
*Mill Shoals, White, Hamilton, Wayne, 2-4S, 7-8E																		
	Cypress, Mis	2910	1983	4250	228.4	13437.2		359	18	2	175				A	Oev	5606	
	Aux Vases, Mis	3245		20				2	0	0			S	10	A			
	Ohara, Mis	3245		2950				218	1	0		36	0.14	S	11	A		
	Spar Mt., Mis	3320		1650				12	0	0			OL	11	AC			
	McClosky, Mis	3345		#				28	7	0			LS	8	AC			
	St. Louis, Mis	3375	1939	#				75	11	1		36	OL	5	AC			
	Salem, Mis	3546	1960	20				2	0	0		39	LL	10	AC			
	Ullin, Mis	3970	1961	740				49	0	0		38	LL	4	A			
	Outch Creek, Oev	4110	1959	90				7	0	1		38	LL	10	A			
		5380	1980	20				2	0	0			S	25				
Mills Prairie, Edwards, 1N, 14W																		
	Ohara, Mis	2925	1948	20	0.0	1.9		2	0	1	0	37	L	5	MC	Mis	3010	
				ABD 1952, REV 1985, ABO 1986														
Mills Prairie N, Edwards, 1N, 14W																		
	Ohara, Mis	2925	1953	40	1.5	10.8			4	0	0	2	37	L	5	MC	Mis	3815
				ABO 1956, REV 1984														
Mitchellsille, Saline, 10S, 6E																		
	Oegonia, Mis	1330	1955	30	0.1	27.9		3	0	0	1	35	S	6		Mis	2452	
	Waltersburg, Mis	1505	1955	10				1	0	0		38	S	9				
	Cypress, Mis	2107	1973	10				1	0	0			S	20				
*Mode, Shelby, 10N, 4E																		
	Bethel, Mis	1682	1961	360	5.6	405.4		20	0	0	15					Oev	3265	
	Benoist, Mis	1742	1961	140				9	0	0		35	S	12				
	Aux Vases, Mis	1772	1961	360				13	0	0		34	S	8				
				40				3	0	0		37	S	8				
*Montrose, Effingham, 8N, 7E																		
	McClosky, Mis	2523	1968	80	4.2	163.9		6	0	0	3		L	7		Oev	4106	
*Montrose N, Cumberland, 9N, 7E																		
	McClosky, Mis	2500	1969	20	0.0	20.8		2	0	0	2		OL	10		Oev	3980	
*Mt. Auburn C, Christian, 15N, 1-2W																		
	Silurian	1920	1943	7830	118.3	7238.5		474	4	1	153	37	0.28	L	15	MU	Trn	2577
*Mt. Carmel ++, Wabash, 1N, 1S, 12W																		
		1939	5050	104.4	19560.7			580	1	3	174				A	Oev	4237	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of proved depth (ft)	Area dis- covery in acres	Production (1000 barrels)			Number of wells			Character of oil			Pay zone	Deepest test Depth (ft)
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	Pro- duc- ing in 1986	Sul- fur per- cent	Kind of rock ess- ure	Thi- ck- ness	Str- uct- ure		
*Mt. Carmel ++, Wabash, IN, 1S, 12W														
Bridgeport, Penn	1370	1946	1220			6	0	0	34	S	20	AL		
Biehl, Penn	1470		#			74	1	1	36	0.28	S	20	AL	
Jordan, Penn	1520		#			6	0	0			S	15	AU	
Palestine, Mis	1580		60			5	0	0	35		S	10	AL	
Waltersburg, Mis	1690		30			3	0	0	36		S	10	AL	
Tar Springs, Mis	1790	1939	460			38	0	0	36		S	13	AL	
Jackson, Mis	2020	1945	10			1	0	0			S	25	AL	
Cypress, Mis	2025	1940	3840			348	0	0	38	0.17	S	15	AL	
Sample, Mis	2095		180			4	0	0	37		S	7	AL	
Bethel, Mis	2110		#			13	0	0	35		S	16	AL	
Aux Vases, Mis	2520	1981	80			5	0	0			S			
Ohara, Mis	2320		1430			26	0	1	35		OL	5	AC	
Spar Mt., Mis	2350		#			17	0	0	39	0.26	S	5	AL	
McClosky, Mis	2360		#			68	0	1	37	0.42	OL	6	AC	
Salem, Mis	2696	1966	100			7	0	0			L	14		
Ullin, Mis	3097	1978	20			2	0	0			L	10		
Fort Payne, Mis	3561		10			1	0	0			L	61		
(Continued from previous page)														
Mt. Erie N, Wayne, IN, 9E														
Aux Vases, Mis	3110	1944	330	4.6	511.5	26	2	1	11	40	S	8	M	Mis 4101
Ohara, Mis	3170	1949	140			8	0	0			S	6	ML	
McClosky, Mis	3240	1944	230			3	0	0			S	5	MC	
						13	2	1	37		L			
ABD 1966, REV 1967														
Mt. Olive +, Montgomery, 8N, 5W														
Pottsville, Penn	605	1942	80	0.3	x	7	0	0	5	33	0.16	S	6	A Sil 1878
Mt. Vernon, Jefferson, 3S, 3E														
Aux Vases, Mis	2665	1943	250	1.9	421.6	19	0	0	7	36	S	8	A	Mis 3262
Ohara, Mis	2750	1943	70			5	0	0			S	6	A	
McClosky, Mis	2800	1943	180			2	0	0			S	7	AC	
						14	0	0	39	0.18	L			
ABD 1966, REV 1967														
Mt. Vernon N, Jefferson, 2S, 3E														
McClosky, Mis	2675	1956	30	1.0	71.4	3	0	0	3	38	L	6		Mis 3133
St. Louis, Mis	3010	1981	20			2	0	0			L	8		
						1	0	0						
ABD 1957, REV 1961, ABO 1968														
Murdock, Douglass, 16N, 10E														
Pennsylvanian	370	1955	10	0.0	0.0	3	0	0	0	36	S	16		Pen 424
ABD 1957, REV 1961, ABO 1968														
Nashville, Washington, 2S, 3W														
Devonian	2625	1973	580	190.2	1477.6	48	11	1	38		D	20	Ord	3776
Silurian	2650	1973	120			11	6	0	41		L	40	R	
			500			39	5	1						
ABO 1968														
Nashville N, Washington, 1-2S, 3W														
Devonian	2750	1979	890	82.1	931.1	54	3	0	53		D	x	U	Sil 2893
ABO 1968														
Nason, Jefferson, 3-4S, 2E														
Ohara, Mis	2758	1962	70	7.1	134.6	6	0	0	4	37	L	4	ML	Dev 4694
Spar Mt., Mis	2790	1943	50			1	0	0			S	12	ML	
McClosky, Mis	2810	1983	#			1	0	0			L	4		
Salem, Mis	3450	1984	20			2	0	0			L	4		
ABO 1968														
Neoga, Cumberland, 10N, 7E														
Carper, Mis	3510	1983	10	0.0	0.0	1	0	0	1	0	S	15		Sil 4007
ABO 1968														
New Baden E, Clinton, 1N, 5W														
Silurian	1935	1958	290	3.0	305.2	23	0	0	12	39	L	15	R	Sil 2200
ABO 1968														
New Bellair, Crawford, 8N, 13W														
Isabel, Penn	650	1942	140	0.0	10.7	10	0	0	2	32	S	3	M	Dev 2842
Cypress, Mis	1165	1942	20			2	0	0			S	10	ML	
Aux Vases, Mis	1280	1956	70			5	0	0			S	20	M	
			60			3	0	0						
ABO 1948, REV 1952, ABO 1954, REV 1956														

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year proved Depth (ft)	Area covered in dis- acres	Production (1000 barrels)			Number of wells			Character of oil			Pay zone	Deepest test Zone (ft)	
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-report-ed in 1986	An-Aban-doned end of 1986	Pro-duc-ing year	Sul-fur per-cent API	Kind of rock	Thi-ckness	Struc-ture		
New City, Sangamon, 14N, 4W															
	Silurian	1730	1954	440	0.3	233.2	39	0	0	8	39	L	11	MU	Sil 1855
New City S, Christian, 14N, 4W															
	Silurian	2008	1963	20 ABO 1974	0.0	63.4	2	0	0	0	39	L	17	MU	Sil 1918
New Douglas S, Bond, 6N, 5W															
	Pennsylvanian	640	1957	20 ABO 1960	0.0	3.4	2	0	0	0	32	S	7	Pen	705
*New Harmony C ++, White, Wabash, Edwards, 1N, 1-5S, 13-14W															
	Jamestown, Penn	720	1939	28920	1086.3	171221.4	2982	31	15	1263	32	S	13	AL	A Shk 7682
	Mansfield, Penn	x	1960	#			5	0	0			S	x	AL	
	Bridgeport, Penn	1340	#				0	0	0			S	7	AL	
	Biehl, Penn	1850	#				11	0	0			S	20	AL	
	Jordan, Penn	1760	#				139	0	0			S	x	AL	
	Oegonia, Mis	1925	150				0	0	0			S	10	AL	
	Clore, Mis	1980	100				12	0	0			S	10	AL	
	Palestine, Mis	2000	270				11	0	0			S	10	AL	
	Waltersburg, Mis	2155	1480				23	0	0			S	20	AL	
	Tar Springs, Mis	2215	2680				143	1	0			S	0.40	AL	
	Hardinsburg, Mis	2290	1958	40			228	1	3			S	0.19	AL	
	Cypress, Mis	2570		11290			3	0	0			S	10	ALF	
	Sample, Mis	2660		11980			103	0	3			S	20	ALF	
	Bethel, Mis	2700	#				62	0	2			S	27	ALF	
	Renault, Mis	2761	180				959	6	3			S	0.24	ALF	
	Aux Vases, Mis	2800	8750				14	2	0			S	8	AC	
	Ohara, Mis	2900	6620				651	19	2			S	15	ALF	
	Spar Mt., Mis	2910	#				89	3	1			S	6	AC	
	McClosky, Mis	2925	#				57	0	1			S	10	AC	
	St. Louis, Mis	3153	1953	1330			348	1	2			S	8	AC	
	Salem, Mis	3384	1959	1050			82	4	2			S	16	AC	
	Ullin, Mis	3755	570				72	1	0			S	6	AC	
	Fort Payne, Mis	4500	1978	710			42	4	0			S	0		
							28	0	0			L			
New Harmony S (111), White, 5S, 14W															
							8	0	0	1		S	18	AF	Mis 4620
	Waltersburg, Mis	2250	1941	90	0.0	113.3	3	0	0	35		S	16	AF	
	Tar Springs, Mis	2350	1941	30			1	0	0	36		S	8	AF	
	Cypress, Mis	2670	1951	10			1	0	0	35		S	10	AF	
	Bethel, Mis	2815	20				2	0	0	36		S	7	AF	
	Aux Vases, Mis	3005	1949	10			1	0	0	37		S	5	AF	
	McClosky, Mis	3010		20			1	0	0	37		L			
*New Harmony S (Ind) ++, White, 5S, 14W															
							6	0	0	1	35	S	8	TF	Mis 3068
	Oegonia, Mis	1850	1946	50	0.0	446.4	2	0	0	24		S	10	TF	
	Palestine, Mis	1955		50			1	0	0	37		S	30	TF	
	Waltersburg, Mis	2120		50			3	0	0			L			
*New Haven C ++, White, 7S, 10-11E															
							70	0	0	39		S	6	A	Mis 3900
	Degonia, Mis	1789	1975	780	38.5	3015.8	1	0	0			S	12	AF	
	Tar Springs, Mis	2105	1941	330			25	0	0	38	0.27	S	8	AF	
	Hardinsburg, Mis	2245	1941	10			1	0	0	36		S	15	AF	
	Cypress, Mis	2445	1949	480			26	0	0	39		S	12	AF	
	Aux Vases, Mis	2720	1959	130			11	0	0	37		S	15	AF	
	Ohara, Mis	2799	1959	170			2	0	0			L	12	AA	
	Spar Mt., Mis	2828	1960	#			3	0	0	35		OL	15	AC	
	McClosky, Mis	2820		#			6	0	0			S	6	AC	
New Hebron E +, Crawford, 6N, 12W															
	Aux Vases, Mis	1555	1954	50 ABO 1965	0.0	0.3	4	0	0	0	35	S	4		Mis 1571
*New Memphis Consolidated, Clinton, 1N, 1S, 5W															
	Silurian	1980	1952	1330	61.2	3242.4	82	0	1	77	40	L	15	R	Trn 2900
New Memphis S, Clinton, Washington, 1S, 5W															
	Silurian	2000	1952	20 ABO 1952, REV 1956,	0.0	0.7	2	0	0	0	41	L	25	R	Ord 2914

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft) covry acres	Area During 1986	Production (1000 barrels) To 1986	Number of wells			Character of oil		Pay zone Kind Thi- rock ess per cent	Deepest Struc- ture Zone (ft)	
					Com- plet- ed to end of 1986	Re- port- ed to end of 1986	Aban- doned end of 1986	Pro- duc- ing year GR.	Sul- fur API			
*Newton, Jasper, 6N, 9E	Ste. Gen., Mis	2950 1944	50	1.2	118.9	6	0	0	1	37	L	6 MC Mis 3040
			ABD 1962, REV 1969									
Newton N, Jasper, 7N, 10E	McClosky, Mis	2855 1945	100	0.2	10.2	7	0	0	1	37	L	5 MC Mis 2968
			ABO 1948, REV 1960, ABD 1966, REV 1976									
Newton W, Jasper, 6-7N, 9E	Spar Mt., Mis	2912 1947	790	4.1	360.8	50	0	0	21		L	5 Dev 4570
	McClosky, Mis	3000 1947	790	#		17	0	0			L	7 MC
			ABD 1947, REV 1952, ABD 1953, REV 1961			40	0	0				
Noble W, Clay, 3N, 8E	Benoist, Mis	2880 1981	80	1.2	30.2	7	0	0	3		S	8 Mis 3712
	Aux Vases, Mis	1955 1981	10			1	0	0			S	5
	McClosky, Mis	3035 1951	50			1	0	0			L	8
	St. Louis, Mis	3395 1982	10			4	0	0			L	5
	Salem, Mis	3646 1979	40			1	0	0			L	13
	Ullin, Mis	3695 1979	10			4	0	0			L	5
			ABO 1959			1	0	0				
Norris City W, White, 6S, 8E	Ullin, Mis	4204 1978	10	0.0	3.2	1	0	0	1		L	14 Mis 4460
*Oakdale, Jefferson, 2S, 4E	Aux Vases, Mis	2860 1956	490	4.8	910.0	37	0	0	6		S	35 Mis 3850
	McClosky, Mis	2985 1956	410			28	0	0			L	5
			110			10	0	0			L	35
*Oakdale N, Jefferson, 2S, 4E	McClosky, Mis	2932 1960	190	5.5	737.0	18	0	1	10		OL	5 Mis 3725
	St. Louis, Mis	2990 1982	170			13	0	1			L	15
	Salem, Mis	3400 1983	60			4	0	0			L	6
			10			1	0	0				
Oak Grove (Ind), Gallatin, 8S, 11E	Cypress, Mis	2410 1984	10	2.2	3.6	1	0	0	1		S	6 Mis 2861
Oakley, Macon, 16N, 3E	Cedar Valley, Oev	2285 1954	190	0.2	25.8	12	1	0	2		L	5 Sil 2391
			ABO 1965, REV 74, ABD 80, REV 82									
*Oak Point, Clark, Jasper, 8-9N, 14W	Isabel, Penn	1952 1955	790	0.0	583.5	64	0	1	29		S	10 M 0ev 2691
	Aux Vases, Mis	560 1955	10			1	0	0			ML	ML
	Carper, Mis	1185 1955	690			56	0	0			S	17
		2220 1952	90			7	0	0			x	ML
Oak Point W, Clark, Cumberland, 9N, 11E, 14W	Aux Vases, Mis	1190 1955	130	0.0	19.7	13	0	0	8		S	8 Mis 1560
	Spar Mt., Mis	x 1980	120			11	0	0			S	8
	McClosky, Mis	1270 1981	20			1	0	0			L	4
Oconee, Shelby, 10N, 1E	Lingle, Oev	2850 1975	70	0.0	26.7	4	0	0	3		S	6 0ev 3139
*Odin, Marion, 2N, 1-2E	Cypress, Mis	1945 1945	350	2.0	1904.4	34	0	0	22		S	13 A 0ev 3597
	Benoist, Mis	1750 1945	340			30	0	0			S	13
	McClosky, Mis	1912 1963	10			1	0	0			L	12
		2085 1957	30			4	0	0			A	12
Okawville, Washington, 1S, 4W	Silurian	2325 1951	50	0.0	63.3	4	0	0	0		L	3 R Sil 2603
			ABO 1969									

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of dis- covered	Area in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Kind of rock	Thick- ness	Struc- ture	Depth Zone	Deepest test Depth
				Ouring 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing year	Sul- fur per- cent						
Okawville NC, Washington, 1S, 4W	Silurian	2200	1955	220	4.0	206.3	17	0	0	11	40	L	R	Ord	3070	
*Old Ripley, Bond, 5N, 4W	Pennsylvanian	600	1954	930	39.9	706.4	93	0	0	55	34	S	17	A	Ord	3085
	Benoist, Mis	875	1982	90			90	0	0			S	15			
	Aux Vases, Mis	941	1964	10			2	0	0			S	19			
							1	0	0							
Old Ripley N, Bond, 5N, 4W	Hardin, Dev	1991	1962	20	0.0	3.0	1	0	0	0	35	S	1		Dev	2040
					ABD 1966											
Old Ripley W, Bond, 5N, 4W	Devine, Dev	2014	1984	20	0.0	0.7	2	0	0	2		L	x		Dev	2084
							1	0	0							
*Olney C, Richland, Jasper, 4-5N, 10	Devine, Dev	1984	1984	10												
	Devine, Dev	2014	1984	10												
	Devine, Dev	2014	1984	10												
	Devine, Dev	2014	1984	10												
*Olney S, Richland, 3N, 10E	Devine, Dev	1937	1962	1220	4.8	1142.2	73	0	0	23		L	4	M	Dev	4910
	Devine, Dev	3142	1962	1150			1	0	0			L	4	MC		
	Devine, Dev	3100		#			39	0	0			L	4	MC		
	Devine, Dev	3115		#			43	0	0			L	3	MC		
	Devine, Dev	3800	1981	70			5	0	0			L	6			
*Omaha +, Gallatin, 7-8S, 8E	Jake Creek, Penn	1940	1810	56.8	6747.7	169	3	1	86		S	20	D	Dev	5320	
	Pennsylvanian	580	400	#			18	3	0			S	10	D		
	Bighi, Penn	1335	1948	#			5	0	0			S	10	D		
	Palestine, Mis	1700	1940	410			7	0	0			S	10	D		
	Tar Springs, Mis	1900	170				27	0	0			S	15	D		
	Hardinsburg, Mis	2179	1961	80			9	0	0			S	15	D		
	Cypress, Mis	2402	1959	150			6	0	0			S	18	D		
	Paint Creek, Mis	2450	1961	40			13	0	0			S	12	D		
	Bethel, Mis	2570	1955	#			1	0	0			S	14	D		
	Aux Vases, Mis	2730	1955	920			3	0	0			S	20	D		
	Ohara, Mis	2734	1958	360			69	0	0			S	14	D		
	Spar Mt., Mis	2722	1958	#			18	0	0			S	8	D		
	McClosky, Mis	2800	1961	#			5	0	0			S	x	0		
	McClosky, Mis						7	0	0			L				
Omaha E, Gallatin, 8S, 8E	Cypress, Mis	1946	160	0.0	61.5	13	0	0	3	41	S	6	M	Mis	3931	
	Aux Vases, Mis	2530	1957	30			3	0	0			S	x	M		
	Ohara, Mis	2790	10				1	0	0			S	8	MCF		
	Spar Mt., Mis	2855	1946	100			3	0	0			S	9	MCF		
	McClosky, Mis	2942	1960	#			1	0	0			S	10	MCF		
	St. Louis, Mis	2884	1958	#			3	0	0			S	4			
	Salem, Mis	3180	1984	20			1	0	0			L	10			
*Omaha S, Gallatin, Saline, 8S, 7-E	Cypress, Mis	1951	210	21.1	125.7	15	3	0	11		S	6	A	Mis	3596	
	Pennsylvanian	550	1984	10			1	0	0			S	9	AL		
	Tar Springs, Mis	2164	1984	10			1	1	0			S	15	AL		
	Cypress, Mis	2535	1953	90			5	0	0			S	11	A		
	Aux Vases, Mis	2870	1955	120			10	2	0			S	4	AC		
	Ohara, Mis	2904	1986	10			1	1	0			L	1	AC		
	Spar Mt., Mis	2865	1951	10			1	0	0			L				
*Omaha W, Saline, Gallatin, 7-8S, 7-E	Cypress, Mis	1950	200	14.9	535.2	17	0	0	15	38	S	14	A	Mis	3302	
	Sample, Mis	2600	1950	110			9	0	0			S	12	AL		
	Aux Vases, Mis	2800	1950	30			8	0	0			S	30	AL		
	Ohara, Mis	2890	1983	30			3	0	0			S	22			
	McClosky, Mis	2910	#				3	0	0			L	8	AC		

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of proved in	Area covered in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Deepest test Zone (ft)		
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	Aban- doned end of 1986	Pro- duc- ing year	Sul- fur per- cent	GR. API cent	Kind of rock ess- ure	Thi- ck- ness	Str- uct- ure
Omega, Marion, 3N, 4E														
	Benoist, Mis	1946 2280 1963	430 60	26.7	283.2	31 5 1	4 0	0	23	38	\$	3	Mis	3500
	Renault, Mis	2360 1982	40			3 3	1 0	0			SS	6		
	Aux Vases, Mis	2362 1982	40			3 2	0 1	0			SS	8		
	Spar Mt., Mis	2470 1982	220			2 1	0				SS	6		
	McClosky, Mis	2490 1946	#			13 4	1 0	0		38	LL	10	0	
	Salem, Mis	2742 1979	70			4	0	0			L	4		
						ABO 1949, REV 1963, ABD 1968, REV 1977								
Omega NW, Marion, 6, 3M, 4E														
	McClosky, Mis	2402 1985	10	0.1	0.2	1	0	0	1		L	6	Mis	2410
Oddyke, Jefferson, 3S, 4E														
	Ohara, Mis	1961 3016 1962	150 150	4.4	29.4	11 1	1 0	0	8		L	8	Mis	4000
	McClosky, Mis	3074 1961	#			11	1	0		37	OL	20		
						ABO 1967, REV 1979								
*Orchardville C, Wayne, 1N, 5E														
	Sample, Mis	1950 2655 1958	640 10	22.1	979.4	51 1	0 0	1	31	36	S	A	Mis	4030
	Aux Vases, Mis	2800 1951	420			32	0	0		36	SS	16	AL	
	Ohara, Mis	2880	130			5	0	0		37	SS	3	AC	
	McClosky, Mis	2905 1950	#			7	0	0			LL	5	AC	
	Salem, Mis	3320 1980	140			11	0	1			L	8		
Orchardville N, Wayne, 1N, 5E														
		1956 Paint Creek, Mis	30 1956	0.3	28.2	3	0	0	2		S	60	Oev	4684
	Aux Vases, Mis	2780 1971	10			1	0	0			OL	40		
	McClosky, Mis	2925 1984	20			1	0	0			L	6		
						ABD 1964, REV 1971								
*Orient, Franklin, 7S, 2E														
	Aux Vases, Mis	2660 1965	40	0.0	205.2	4	0	0	4	38	S	24	Mis	3000
Orient N, Franklin, 7S, 2E														
	Aux Vases, Mis	2680 1967	10	0.0	0.3	1	0	0	0	38	S	4	Mis	3049
						ABO 1972								
*Oskaloosa, Clay, 3-4N, 5E														
	Benoist, Mis	1950 2595 1950	610 450	3.1	2742.1	51 40	0 0	0	14	37	S	15	Sil	4605
	Aux Vases, Mis	2643 1958	170			12	0	0		37	SS	x	A	
	McClosky, Mis	2755 1957	310			16	0	0		36	SS	5	A	
	Devonian	4400 1981	30			3	0	0			LL	30	A	
	Silurian	4458 1982	40			1	0	0			L	14		
*Oskaloosa E, Clay, 3N, 5-6E														
	Aux Vases, Mis	1947 2820 1947	30 20	0.0	35.2	2	0	0	0	37	S	5	Oev	4653
	McClosky, Mis	2895 1951	10			1	0	0		33	L	4	AL	
						ABD 1954					L	16	AC	
Oskaloosa S, Clay, 3N, 5E														
	Ste. Gen., Mis	1951 2770 1951	570 130	32.7	417.4	37 11	0 0	0	25	35	L	4	Ord	5860
	Carper, Mis	4100 1984	30			12	0	0			L	10		
	Devonian	4356 1980	410			24	0	0			L	16	AC	
*Pana, Christian, 11-12N, 1E														
	Benoist, Mis	1470 1951	270	25.2	349.6	19	1	0	14	37	S	8	Dev	2847
Pana Cen, Christian, 11N, 1E														
	Benoist, Mis	1528 1978	520	25.3	170.8	35	5	0	33		S	5	Mis	1668
Pana S, Christian, 11N, 1E														
	Devonian	2881 1974	130	0.0	0.1	6	0	0	3		L	5	Dev	3034

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Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proven (ft)	Area covered acres	Production (1000 barrels) During 1986	Number of wells				Character of oil		Pay zone	Deepest test Zone (ft)		
					Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing year	Sul- fur per- cent	Kind rock ess	Thi- ckn- ess	Str- uct- ure		
Panama +, Bond, Montgomery, 7N, 3-4W	Golconda, Mis	705	60	0.0	24.1	6	0	0	2	31	L	12	A	Ord 2950
	Benoist, Mis	865	40	30		4	0	0		28	S	12	A	
Pankeyville, Saline, 9S, 6E	Cypress, Mis	2250	30	0.0	6.1	2	0	0	0	37	S	22	Mis	2742
	Aux Vases, Mis	2511	20	10		2	0	0		38	S	22		
					A80 1957, REV 1961, ABO 1961	1	0	0						
Pankeyville E, Saline, 9S, 7E	Cypress, Mis	2250	10	0.0	0.0	1	0	0	0	37	S	22	Mis	3160
	Paint Creek, Mis	2360	10	10		1	0	0		36	S	13		
					A80 1957									
*Parkersburg C, Richland, Edwards, 1-3N, 10-11E, 14W	Pennsylvanian	2100	1941	7450	136.8	12403.7	504	15	6	199	S	18	TAC	0ev 5414
	Waltersburg, Mis	2430	1950	1000			1	0	0	36	S	10		
	Tar Springs, Mis	2440	1957	180			14	0	0	39	S	10	AC	
	Cypress, Mis	2830	1942	10			1	0	0	36	S	2	AC	
	Paint Creek, Mis	2910	1983	480			34	6	0	36	S	12	AC	
	Bethel, Mis	2930	1942	1010			1	0	0	36	S	10		
	Aux Vases, Mis	3070	#	30			75	3	0	35	S	12	T	
	Ohara, Mis	3100		5510			3	0	0	37	S	20	T	
	Spar Mt., Mis	3150	1945	#			15	0	0		S	10	T	
	McClosky, Mis	3175	1941	#			72	2	0	36 0.34	OL	10	T	
	St. Louis, Mis	3330	1981	40			241	3	0	36 0.31	OL	10	TC	
	Salem, Mis	3796	1978	730			3	0	0		S	7		
	Ullin, Mis	3966	1978	20			51	2	0		S	4	C	
							2	0	0		S	4		
Parkersburg S, Edwards, 1N, 14W	Pennsylvanian	1400	1948	940	107.9	577.6	75	9	0	65	S	10	Mis	3895
	Cypress, Mis	2750	1950	80			8	0	0	41	S	10		
	Paint Creek, Mis	2798	1954	270			25	5	0	36	S	6		
	Bethel, Mis	2815	1948	50			6	4	0		S	5		
	Ohara, Mis	3039	1982	360			26	3	0	35	S	5		
	McClosky, Mis	3104	1982	80			1	0	0		S	5		
	Salem, Mis	3690	1981	#			3	0	0		S	5		
							11	0	0		S	5		
Parkersburg W, Richland, Edwards, 2N, 10E	Aux Vases, Mis	3142	1943	360	0.6	251.4	22	0	0	3	S	8	A	Mis 4132
	Ohara, Mis	3220	1980	10			1	0	0		S	6	AC	
	McClosky, Mis	3260	1945	330			2	0	0		S	6	AC	
	Salem, Mis	3789	1980	#			18	0	0	38	S	5		
					140		2	0	0		S	5		
Parnell, Dewitt, 21N, 4E	Sonora, Mis	671	1963	670	2.9	261.2	45	0	0	44	S	12	Trn	1971
	O Devonian	1100	1964	650			42	0	0	32	S	12		
					20		3	0	0	37	S	12		
Passport N, Richland, 5N, 9E	Aux Vases, Mis	2940	1959	80	1.1	83.8	7	1	0	4	S	10	Mis	3656
*Passport S, Richland, Clay, 4N, 8-9E	Tar Springs, Mis	2368	1948	180	2.3	184.5	14	0	0	3	S	9	A	Mis 3723
	Cypress, Mis	2665	1962	10			1	0	0		S	15	AL	
	Aux Vases, Mis	2957	1948	110			9	0	0	38	S	8	AC	
	Spar Mt., Mis	3025	1960	10			1	0	0	36	S	6	AC	
	McClosky, Mis	3030	1948	40			1	0	0		S	8	AC	
	Salem, Mis	1980	#				2	0	0	38	S	8		
					20		1	0	0		S	8		
Passport W, Clay, 4N, 8E	Ste. Gen., Mis	3030	1954	180	0.0	69.7	13	0	1	0	L	5	AC	Mis 3640
					A80 1967, REV 1971, ABO 74, REV&ABO 1982				37					
*Patoka, Marion, Clinton, 3-4N, 1E, 1W	Cypress, Mis	1280	1937	1560	12.0	14859.1	242	0	0	104	S	10	AR	Ord 4056
	Benoist, Mis	1410	1937	60			8	0	0	39	S	27	ARd	
(Continued on next page)							180	0	0	37	S	27		

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of proven depth (ft)	Area covered in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Deepest test Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Anab- doned end of 1986	Pro- duc- ing year	GR.	Sul- fur per- cent	Kind of rock	Thi- ckn- ess
*Patoka, Marion, Clinton, 3-4N, 1E, 1W	(Continued from previous page)												
Aux Vases, Mis	1459	1970	40			3	0	0				\$	13
Spar Mt., Mis	1560		510			15	0	0	39	0.31		S	9
Geneva, Dev	2835	1943	30			3	0	0	40	0.28	D	D	10
Trenton, Ord	3950	1956	630			34	0	0	42		L	L	25
*Patoka E, Marion, 4N, 1E												R	Ord
Cypress, Mis	1941		580	35.8	6076.3	66	0	0	36		S	16	
Benoist, Mis	1340	1941	580			56	0	0	36	0.18	S	16	
McClosky, Mis	1465		50			5	0	0	36	0.23	L	10	
Geneva, Dev	1635	1953	40			3	0	0	34		D	8	
	2950	1952	20			2	0	0	35		D	30	
*Patoka S, Marion, 3N, 1E												R	Ord
Cypress, Mis	1953		1060	19.0	2709.7	88	0	0	67		S	10	
Benoist, Mis	1350	1953	830			63	0	0	36		S	15	
Spar Mt., Mis	1461	1959	230			20	0	0	37		S	5	
Devonian	1624	1959	50			2	0	0			L	10	
Trenton, Ord	2978	1979	40			1	0	0			L	18	
Patoka W, Fayette, 4N, 1W						6	0	0	43				
Benoist, Mis	1380	1950	200	0.0	303.6	20	0	0	0	32	S	6	
			A8D	1965							A	Mis	
Pawnee, Sangamon, 14N, 4W													
Silurian	1740	1983	70	0.0	3.1	4	0	0	4		L	7	
*Phillipstown C, White, Edwards, 3-5S, 10-11E, 14W												Sil	1790
Anvil Rock, Penn	1939	1943	8860	517.6	35324.7	851	15	8	481		A	Oev	
Pennsylvanian	795		1850	#		1	0	0	36		S	10	
Bridgeport, Penn	1450		#			17	0	0	36		S	10	
Buchanan, Penn	1350		#			14	0	1	36		S	10	
Biehl, Penn	1550		#			27	1	1	30		S	15	
Kinkaid, Mis	1875		#			86	0	0	33	0.22	A	AF	
Ogeonia, Mis	1954	1961	10			1	0	0			S	15	
Clore, Mis	1975	1943	820			67	0	0	38		S	15	
Palestine, Mis	2010	1942	180			17	0	0	34		S	12	
Waltersburg, Mis	2050	1942	140			14	0	0	32		S	11	
Tar Springs, Mis	2280	1943	280			26	0	0	34		S	11	
Cypress, Mis	2295	1943	1530			123	0	0	35		S	15	
Paint Creek, Mis	2720	1943	750			62	1	0	36		S	12	
Bethel, Mis	2780	1944	1830			8	0	0	37		S	9	
Renault, Mis	2810	1943	#			131	0	1	36		S	15	
Aux Vases, Mis	2900	1983	10			1	0	0			S	10	
Ohara, Mis	2880	1939	1490			114	1	1	37		S	15	
	3010	1943	2830			47	3	1	36		S	10	
Spar Mt., Mis	2960		#			45	1	0	38	0.21	ACF	6	
McClosky, Mis	3000	1939	#			108	4	2	34	0.21	L	ACF	
St. Louis, Mis	3120	1976	80			8	0	1			L	20	
Salem, Mis	3798	1978	1000			64	4	1			L	8	
Ullin, Mis	3982	1980	210			19	2	0			L	8	
Pinkstaff, Lawrence, 4N, 11W													
McClosky, Mis	1735	1951	10	0.0	0.0	1	0	0	0	37	L	4	
			ABD	1951							Mis	2290	
Pinkstaff E, Lawrence, 4N, 11W													
Ste. Gen., Mis	1640	1955	130	0.5	x	9	0	0	2	35	L	6	
			A8D	1961, REV	1975						Mis	2250	
Pittsburg N +, Williamson, 8S, 3E													
Bethel, Mis	1964		40	2.3	96.9	4	0	0	3		S	8	
Aux Vases, Mis	2459	1972	10			1	0	0			S	8	
	2578	1964	30			3	0	0					
Pixley, Clay, 4N, 8E													
Cypress, Mis	1959		430	9.8	183.5	26	0	0	19	35	S	9	
McClosky, Mis	2680	1959	20			2	0	0			L	3	
Salem, Mis	3050	1981	50			3	0	0			L	3	
	3538	1980	370			22	0	0					
Plainview +, Macoupin, 9N, 8W													
Pennsylvanian	410	1942	20	0.0	2.0	2	0	0	1	34	S	5	
			A8D	X	REV 1982						Oev	1357	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone	Deepest test Zone (ft)		
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing end of year	GR.	Sul- fur per- cent	Kind of rock ess- ture			
Plainview S, Macoupin, 8N, 8W	Pennsylvanian	444 1959	20	0.0	0.1	2	0	0	1	34	S	8	Pen	642	
				ABO 1962, REV 1985											
Posen, Washington, 3S, 2W	Trenton, Ord	3900 1952	50	2.2	132.1	4	0	0	1	37	L	25	A	Ord 4153	
Posen N, Washington, 3S, 2W	Trenton, Ord	4015 1953	10	0.0	3.9	1	0	0	0	37	L	15	AC	Ord 4112	
Posen S, Washington, 3S, 2W	Benoist, Mis	1255 1955	80	0.2	2.8	7	0	0	3	34	S	70	Ord	3980	
				ABO 1959, REV 1982											
Posey, Clinton, 1N, 2W	Cypress, Mis	1105 1941	370	17.4	650.6	33	0	0	29		M	5	Ord	3784	
	Devonian	2675 1959	350	20		31	0	0	36	0.18	L	5	M		
						2	0	0	38						
Posey E, Clinton, 1N, 2W	Devonian	2740 1952	520	17.1	764.3	30	0	0	26	38	L	8	Oev	2850	
Posey W, Clinton, 1N, 3W	Devonian	2585 1954	20	0.2	4.5	2	0	0	1	37	L	15	Sil	2670	
				ABO 1954, REV 1977											
Prentice +, Morgan, 16N, 8W	Pennsylvanian	270 1953	30	0.0	0.0	3	0	0	0	30	S	10	Ord	1513	
Pyramid, Washington, 2S, 1W	Devonian	3109 1962	250	31.5	188.0	15	2	0	9	36	O	6	U	Ord 4342	
	Trenton, Ord	4200 1982	140			9	0	0	36						
			120			6	2	0							
				ABO X, REV 1982											
*Raccoon Lake, Marion, 1N, 1E	Cypress, Mis	1625 1949	380	4.3	3476.2	47	0	0	13		S	10	OR	3530	
	Benoist, Mis	1715 1957	240			18	0	0	34		S	15	OL		
	Ohara, Mis	1885 1949	20			2	0	0	37		S	5	OC		
	Spar Mt., Mis	1930 1949	190			1	0	0			S	12	OC		
	McClosky, Mis	1950 1949	#			11	0	0	36		S	10	OC		
	Devonian	3330 1951	270			13	0	0	36		L	10	Rd		
						15	0	0	40						
*Raleigh, Saline, 7-8S, 6E	Devonian	2040 1984	740	9.0	2337.5	62	2	1	17		S	4	A	0ev 5511	
	Waltersburg, Mis	2230 1984	40			2	1	0			S	4			
	Tar Springs, Mis	2235 1954	10			1	0	0			S	20	A		
	Cypress, Mis	2550 1953	20			2	0	0	35		S	12			
	Paint Creek, Mis	2738 1968	450			39	0	0	34		S	5	A		
	Aux Vases, Mis	2905 1953	10			1	0	0	34		S	5			
	Ohara, Mis	3054 1959	100			11	0	0	38		S	3	A		
	Spar Mt., Mis	3025 1957	60			2	0	0			L	10	A		
	McClosky, Mis	3045 1974	#			3	0	0	38		LS	4			
	St. Louis, Mis	3500 1984	20			1	0	0			OL	4			
	Salem, Mis	3724 1984	30			2	0	0			LL	4			
						2	1	1			L				
*Raleigh S +, Saline, 8S, 5-6E	Devonian	2046 1959	950	38.6	2091.8	76	1	0	52	39	S	10	Mis	4400	
	Waltersburg, Mis	2165 1984	60			4	0	0			S	9			
	Tar Springs, Mis	2739 1958	10			1	1	0	37		S	8			
	Bethel, Mis	2860 1955	100			1	0	0			S	16			
	Ohara, Mis	2940 1984	790			64	0	0	40		S	8			
	Spar Mt., Mis	2950 1981	#			5	0	0			LS	10			
	McClosky, Mis	2960 1974	#			2	0	0			OL	13			
	St. Louis, Mis	2273 1984	10			1	1	0			LL	12			
	Salem, Mis	3960 1984	10			1	0	0			L	4			
Raymond, Montgomery, 10N, 4-5W	Pottsville, Penn	590 1940	140	7.2	50.4	22	2	1	14	35	0.22	S	10	ML	0ev 2400

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covery acres	Production (1000 barrels) During 1986	To end of 1986	Number of wells			Character of oil		Pay zone	Deepest test Depth (ft)	
						Com- plet- ed to end of 1986	Re- port- ed to end of 1986	Pro- duced in 1986	An- a- duc- ing year	Sul- fur per- cent	Kind of rock ess- ure		
*Raymond E, Montgomery, 10N, 4W													
	Pennsylvanian	595	1951	110	0.7	38.0	9	1	0	6	34	S	10
Raymond S, Montgomery, 10N, 4W													
	Pennsylvanian	603	1959	10 ABO 1959	0.0	0.0	1	0	0	0	34	S	6
*Reservoir, Jefferson, 1S, 3E													
	Aux Vases, Mis	2415	1950	590 20	19.2	770.3	40	1	2	22		S	MC
	Spar Mt., Mis	2443	1959	430			1	0	2			S	M
	McClosky, Mis	2700	1950	#			22	0	0	37		L	MC
	Salem, Mis	3034	1961	160			10	1	0	39		L	M
*Richview, Washington, 2S, 1W													
	Cypress, Mis	1500	1946	810	27.1	3200.4	89	3	0	62	39	S	12
Ridgway, Gallatin, 8S, 8E													
	Palestine, Mis	1730	1946	20	0.0	0.1	2	0	0	0	30	S	MC
	McClosky, Mis	2840	1955	10			1	0	0	38		L	ML
					ABO 1946, REV 1955.	ABO 1956							MC
Riffle, Clay, 4N, 6E													
	Spar Mt., Mis	2735	1948	100 ABO 1961, REV 1981	0.0	80.9	6	0	0	1	36	L	7
Rinard C, Wayne, 2N, 7E													
	Ohara, Mis	3132	1937	310 300	1.0	383.6	24	0	0	3		L	M
	Spar Mt., Mis	3135	1977	#			1	0	0			L	MC
	McClosky, Mis	3140	1937	#			21	0	0	39		L	MC
	Salem, Mis	3561	1976	10			2	0	0			L	25
Rinard S, Wayne, 1N, 6E													
	Spar Mt., Mis	3268	1965	10 ABD 1966	0.0	0.8	1	0	0	0	39	L	4
Ripley N, Schuyler, 1N, 2W													
	Devonian	620	1983	10	0.0	0.0	1	0	0	1		Sil	700
Ritter, Richland, 3N, 10-11E													
	Ste. Gen., Mis	3215	1950	110 ABO 1960, REV 1961	9.3	303.1	6	0	0	1	38	L	5
*Ritter N, Richland, 3N, 11E													
	Ohara, Mis	3203	1951	190 190	0.0	161.3	13	2	0	2	39	L	6
	Spar Mt., Mis	3215	1952	#			8	0	0			L	6
	McClosky, Mis	3205	1951	#			3	0	0			L	5
					ABO 1967, REV 1986								
Riverton S, Sangamon, 15N, 4W													
	Silurian	1590	1965	40	0.2	94.9	3	0	1	2	38	0	8
Roaches, Jefferson, 2S, 1E													
	Benoist, Mis	1938	2000	310 40	4.3	696.8	22	0	0	9		S	A
	Ohara, Mis	2170	1942	260			6	0	0	38		L	AL
	Spar Mt., Mis	2190	1938	#			4	0	0	37		L	AC
	McClosky, Mis	2250	1938	#			11	0	0	37		L	AC
	St. Louis, Mis	0	1980	10			6	0	0	37		L	AC
							2	0	0	37		L	AC
*Roaches N, Jefferson, 2S, 1E													
	Benoist, Mis	1944	1925	450 420	9.3	1164.2	41	2	0	7	37	S	7
	Spar Mt., Mis	2115	1944	120			8	2	0	34		L	8
	McClosky, Mis	2125	1984	#			1	0	0			L	4

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covery acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Deepest test Depth (ft)		
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing year 1986	Sul- fur GR. API	Kind rock per- cent			
*Roaches N, Jefferson, 2S, 1E				(Continued from previous page)										
	St. Louis, Mis	2420 1982	10			1	0	0		42	L	5	44	
	Trenton, Ord	4852 1962	10			1	0	0						
Roby, Sangamon, 15N, 3W														
	Devonian	1734 1949	400	21.1	480.5	32	3	0	18					
	Silurian	1775 1949	10			1	2	0		38	L	5	MU	
			400		ABD 1951, REV 1954	31								
Roby E, Christian, Sangamon, 15N, 2-3W														
	Devonian	1757 1970	1800	42.8	2160.7	115	0	1	72					
	Silurian	1840 1970	20			114	0	1			S	2	MU	
			1810								L	20	Sil	
Roby N, Sangamon, 16N, 3W														
	Silurian	1699 1962	60	0.0	19.3	5	0	0	1	38	L	4	MU	
			ABD 1964, REV 71, ABD 73, REV 79			79								
Roby S, Christian, 15N, 3W														
	Silurian	1780 1984	210	41.9	150.6	16	6	0	16		L	x	MU	
												Sil	1940	
Roby W, Sangamon, 15N, 3W														
	Hibbard, Dev	1655 1957	70	0.0	7.5	7	1	0	5	37	S	5	CU	
			ABO 1963, REV 1967											
*Rochester ++, Wabash, 2S, 13W														
	Pennsylvanian	141D 1948	400	1.7	2569.2	54	D	0	19	32	S	16	M	
	Waltersburg, Mis	13DD 1948	23D			23	0	0			L	20	MCF	
	Salem, Mis	194D 1948	230			30	0	0				30	ML	
		3210 1977	20			2	0	0						
*Roland C +, White, Gallatin, 5-7S, 8-9E														
	Pennsylvanian	141D 1954	12630	432.8	61094.8	1125	22	2	418		S	10	A	
	Degonia, Mis	2065	30			6	0	0				7	A	
	Clore, Mis	1993 1947	40			4	0	0				4		
	Palestine, Mis	2085 1946	90			7	0	0				2		
	Waltersburg, Mis	2085 1946	40			4	0	0				34		
		2200	1890			126	0	1				31	0.25	
	Tar Springs, Mis	2300 1940	760			52	0	0				35		
	Hardinsburg, Mis	2550 1940	2120			166	0	0				37	0.30	
	Golconda, Mis	2505 1955	10			1	0	0				35		
	Cypress, Mis	2700 1943	2690			180	8	0				36	0.12	
	Paint Creek, Mis	2800 1945	2460			45	2	0				37		
	Bethel, Mis	2800	#			97	3	0				37	0.20	
	Aux Vases, Mis	2880 1945	5010			335	16					39	0.12	
	Ohara, Mis	3020 1943	3140			47	2	0				36	OL	
	Spar Mt., Mis	3050 1945	#			44	0	0				6	AC	
	McClosky, Mis	3070 1939	#			138	2	1				6	AC	
	St. Louis, Mis	3250	160			13	0	0				37		
	Salem, Mis	4089 1966	190			17	1	0				38		
	Ullin, Mis	4050 1967	340			17	0	0				4		
Roland W, Saline, 7S, 7E														
	Aux Vases, Mis	2935 195D	10	D.D.	22.3	1	0	0	0	4D	S	15	ML	
			ABD 1959											
Rose Hill, Jasper, 8N, 9E														
	Spar Mt., Mis	2735 1981	930	17.5	336.5	60	1	4	49		S	3	Dev	
	McClosky, Mis	2695 1966	930	#		5	0	0			L	10	4403	
Royalton, Franklin, 7S, 1E														
	Renault, Mis	2540 1982	10	3.1	22.5	1	0	0	1		S	8	Dev	
*Ruark, Lawrence, 2N, 12-13W														
	Pennsylvanian	1600 1941	670	32.8	2724.4	74	4	0	38	33	S	10	A	
	Tar Springs, Mis	1625 1984	550			58	3	0				5	AL	
	Bethel, Mis	2075	10			1	1	0				11	AL	
	Aux Vases, Mis	2145	40			9	0	0				7	AL	
	Ohara, Mis	2275 1954	20			4	0	0				5	AC	
						2	0	0						

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covery in acres	Production (1000 barrels)			Number of wells				Character of oil		Pay zone	Oopest test Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	An- Aban- doned year	Pro- duc- ing end of 1986	Sul- fur per- cent	Kind of rock ess- ure	Thi- Str- uct-			
*Ruark W C, Lawrence, 2N, 13W															
Waltersburg, Mis	1780	1947	750	10.6	1589.2	67	0	0	27	38	S	10	M	Mis 3211	
Cypress, Mis	2165	1952	10			7	0	0		35	S	9	ML		
Bethel, Mis	2220	1948	580			1	0	0		36	S	20	ML		
Ohara, Mis	2350	1952	310			45	0	0			S	25	MC		
Spar Mt., Mis	2390	#				4	0	0			S	5	MC		
McClosky, Mis	2400	1950	#			20	0	0		38	L	3	MC		
*Rural Hill N, Hamilton, 5S, 5E															
Cypress, Mis	2930	1949	200	14.5	306.0	15	0	0	6	35	S	10	M	Dev 5120	
Ohara, Mis	3330	1977	110			8	0	0			S	6	ML		
Spar Mt., Mis	3325	1949	50			1	0	0		37	S	8	MC		
McClosky, Mis	3380	1981	#			1	0	0			S	7	MC		
St. Louis, Mis	3640	1977	20			1	0	0			S	7	MC		
Salem, Mis	3860	1976	20			2	0	0			S	35	MC		
Ullin, Mis	4220	1977	70			1	0	0			S	7	MC		
ABO 1950, REV 1956, ABD 1969, REV 1976															
Rushville, Schuyler, 2N, 1W															
Devonian	743	1966	10	0.0	0.0	1	0	0	0	37	0	22	Trn	975	
Rushville Central, Schuyler, 1N, 1-2W															
Silurian	640	1983	50	0.0	0.0	5	5	0	5		0	20	Trn	743	
Rushville Nw, Schuyler, 2N, 2W															
Silurian	669	1960	40	0.0	0.5	4	0	0	1	36	0	3	C	Trn 1038	
Rushville S, Schuyler 1N, 1W															
Devonian	580	1982	10	0.0	0.0	1	0	0	0		L	5	Oev	642	
Russellville Gas +, Lawrence, 4-5N, 10-11W															
McClosky, Mis	1560	1937	40	0.0	12.9	4	0	0	1	35	L	7	AC	Oev 3133	
Russellville W, Lawrence, 4N, 11W															
Spar Mt., Mis	1565	1955	10	0.0	2.0	1	0	0	0	37	L	22	Mis	1646	
*St. Francisville, Lawrence, 2N, 11W															
Bethel, Mis	1845	1914	950	X	X	90	1	0	33	32	S	6	ML	Mis 2786	
*St. Francisville E, Lawrence, 2N, 11W															
Pennsylvanian	1260	1941	450	3.3	744.9	39	0	0	17	30	S	8	A	Mis 1961	
Waltersburg, Mis	1300	1954	60			6	0	0			S	6	AL		
Hardinsburg, Mis	1460	1950	10			1	0	0		37	S	6	AL		
Cypress, Mis	1605	1941	40			3	0	0		35	S	6	AL		
Bethel, Mis	1750	1941	60			3	0	0		36	S	15	AL		
Spar Mt., Mis	1822	1963	320			25	0	0		40	S	20	A		
ABO 1958, REV 1977															
*St. Jacob, Madison, 3N, 6W															
Trenton, Ord	2260	1942	1050	17.3	4318.0	55	0	0	28	40	0.23	L	17	A	PC 5019
St. Jacob E, Madison, 3N, 6W															
Hardin, Oev	1840	1955	50	0.0	10.2	4	0	0	3	23	S	x	U	Ord 2600	
Trenton, Ord	2558	1979	20			1	0	0			L	4			
ABO 1957, REV 1979															
*St. James, Fayette, 5-6N, 2-3E															
Golconda, Mis	1555	1938	3340	99.0	21897.6	351	2	0	224	34	L	15	A	Oev 3470	
Cypress, Mis	1580	1938	1900			201	1	0		37	S	16	A		
Benoist, Mis	1746	1959	10			1	0	0		36	S	8	A		
Spar Mt., Mis	1860	1954	100			10	0	0		38	S	16	A		
Carper, Mis	3070	1961	1740			139	1	0		37	S	35	A		

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area covered in acres	Production (1000 barrels)			Number of wells				Character of oil			Pay zone	Deepest test Zone (ft)		
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned in 1986	Pro- duc- ing year	GR. API	Sul- fur per- cent	Kind of rock	Thi- ckness	Str- ucture			
St James E, Fayette, 6N, 3E	Carper, Mis	3250	1984	10	0.0	0.1	1	0	0	0		S	6	Mis	3257		
St. Paul, Fayette, 5N, 3E	Benoist, Mis	1900	1941	380	4.6	1087.7	36	0	0	18	34	0.23	S	9	A	Oev 3650	
	Spar Mt., Mis	2080	1941	240			18	0	0		38		S	6	A		
	Carper, Mis	3288	1963	10			1	0	0		36		S	28			
*Ste. Marie, Jasper, 5N, 10-11E, 14W	Ste. Gen., Mis	2900	1941	1220	4.1	2122.1	73	0	0	4	37	0.14	L	8	AC	Mis 3695	
Ste. Marie E, Jasper, 6N, 14W	Ste. Gen., Mis	2685	1949	70	0.3	38.4	8	0	0	1	38		L	10	MC	Mis 3191	
Ste. Marie W, Jasper, 5-6N, 10E	Aux Vases, Mis	2720	1949	450	2.3	497.4	24	0	0	13	37		S	25	M	Mis 3225	
	Ste. Gen., Mis	2815	1949	10			1	0	0		40		L	6	ML		
				450			24	0	0						MC		
*Sailor Springs C, Clay, Effingham, Jasper, 3-6N, 6-8E	Jackson, Mis	2550	1938	22520	765.2	63627.4	1804	49	11	857					A	Dev	5600
	Tar Springs, Mis	2340	1941	880			1	0	0				S	10			
	Glen Dean, Mis	2390	1943	10			67	1	0		37	0.17	S	12	A		
	Cypress, Mis	2550	1942	11160			1	0	0		38		S	8	A		
	Bethel, Mis	2740	1946	1140			839	11	5		38	0.28	S	20	A		
	Benoist, Mis	2780		590			65	11	0		37		S	10			
	Aux Vases, Mis	2825	1942	4430			324	19	3		37		S	13	A		
	Ohara, Mis	2900	1947	9410			34	6	0		37		OL	6	A		
	Spar Mt., Mis	2900	1945	#			258	7	1		33		LS	8	A		
	McClosky, Mis	2925	1938	#			378	10	2		40		OL	8	A		
	St. Louis, Mis	3310	1967	310			33	9	1		39		L	11	A		
	Salem, Mis	3260	1978	230			22	5	4				L	12			
	Devonian	4586	1980	50			3	0	0					6			
Sailor Springs E, Clay, 4N, 8E	Cypress, Mis	2695	1944	690	27.1	457.1	48	1	1	28	36		S	8	D	Mis 3809	
	Spar Mt., Mis	3100	1981	120			11	1	0				S	7	0		
	McClosky, Mis	3020	1955	450			20	0	1		37		L	6	0		
	St. Louis, Mis	3228	1980	30			9	0	0				L	6			
	Salem, Mis	3550	1967	180			3	0	0		38		L	6			
							12	0	0								
Sailor Springs N, Clay, 4N, 8E	Spar Mt., Mis	2985	1948	100	1.7	26.7	8	0	0	3			L	2	M	Mis 3853	
	McClosky, Mis	3030	1948	100	#		5	0	0		37		L	2	MC		
				#			5	0	0						MC		
*Salem C, Marion, Jefferson, 1-2N, 1S, 1-2E	Benoist, Mis	1780	1938	13890	1832.2	384829.1	2915	8	0	1309	37		S	40	A	PC 9210	
	Renault, Mis	1778	1986	10900	10		641	1	0				S	7	A		
	Aux Vases, Mis	1825		7590			822	0	0		37	0.21	S	40	A		
	Ohara, Mis	2075		9720			2	0	0		37		S	3	A		
	Spar Mt., Mis	2100		#			157	5	0		37		LS	15	A		
	McClosky, Mis	2050		#			903	3	0		35		L	17	A		
	St. Louis, Mis	2100		220			20	0	0		37		L	17	A		
	Salem, Mis	2160	1939	1400			279	0	0		37		L	17	A		
	Devonian	3440	1939	6000			675	0	0		42	0.28	L	40	A		
	Trenton, Ord	4500	1941	1930			152	0	0		37		L	50	A		
Samsville, Edwards, 1N, 11E	Waltersburg, Mis	2420	1942	70	0.0	1.0	6	0	0	1	38		S	7	A	Mis 3303	
*Samsville N, Edwards, 1N, 14W	Bethel, Mis	2900	1945	210	0.0	260.9	18	0	0	1	38		S	6	A	Mis 4040	
	Spar Mt., Mis	3115	1981	200	10		17	0	0				S	4	A		
				10			1	0	0								

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of dis- covery	Area in acres	Production (1000 barrels)			Number of wells			Character of oil		Pay zone	Deepest test Zone (ft)
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- Aban- doned 1986	Pro- duc- ing year	Sul- fur per- cent	Kind of rock ess- ure		
Samsville NW, Edwards, 1N, 10E													
	Ohara, Mis	1955	140	6.0	38.4	8	0	0	5	38	L	4	Mis 4150
	Spar Mt., Mis	3190 1955	130	#		5	0	0				10	
	McClosky, Mis	3301 1970	#			2	0	0				15	
	Salem, Mis	3290 1980	20			2	0	0				20	
				ABD 1956, REV 70, ABO 72, REV 80									
Sandoval, Marion, 2N, 1E													
	Cypress, Mis	1909	510	5.0	6444.3	161	0	0	16	37	S	10	Rd 5023
	Benoist, Mis	1400 1909	20			124	0	0		35	S	20	Rd
	Geneva, Oev	1540 1909	480			35	0	0		38 0.38	O	9	Rd
Sandoval W, Clinton, 2N, 1W													
	Cypress, Mis	1946	20	0.0	26.3	2	0	0	1	37	S	4	A Mis 1604
				ABD 1960, REV 1981									
Santa Fe, Clinton, 1N, 3W													
	Cypress, Mis	955 1944	10	0.0	1.5	1	0	0	0	34	S	10	A Oev 2542
				ABO 1947									
Santa Fe E, Washington, 1N, 3W													
	Silurian	2600 1982	10	0.0	1.3	1	0	0	1		L	8	Sil 2664
*Schnell, Richland, 2N, 9E													
	Aux Vases, Mis	1938	220	0.6	388.5	18	0	0	7				Mis 3690
	Spar Mt., Mis	2956 1969	130			8	0	0				10	
	McClosky, Mis	3090 1974	120			1	0	0				15	
		3000 1938	#			10	0	0		39 0.19	OL	5	AC
Schnell E, Richland, 2N, 9E													
	Spar Mt., Mis	1954	170	3.2	85.8	12	0	0	9		S	5	Mis 3776
	McClosky, Mis	3101 1978	170			6	0	0			L	4	AC
		3115 1954	#			7	0	0		38			
				ABO 1954, REV 1978									
Sciota, McDonough, 7N, 3W													
	Devonian	519 1960	10	0.0	0.0	1	0	0	0	28	L	16	Sil 760
				ABO 1960									
*Seminary, Richland, 2N, 10E													
	McClosky, Mis	1945	120	0.0	228.8	9	0	0	1	38	L	x 4	MC Mis 3845
	Salem, Mis	3195 1945	120			9	0	0					
		3750 1981	10			1	0	0					
				ABD 1966, REV 1981									
*Sesser C, Franklin, 5-6S, 1-2E													
	Cypress, Mis	1942	1960	63.2	4128.3	132	2	0	88	38	S	5	Oev 4688
	Renault, Mis	2455 1953	50			3	0	0			AL		
	Aux Vases, Mis	2690 1945	340			26	0	0		37 0.17	S	10	AC
	Ohara, Mis	2700 1942	1440			86	1	0		38 0.17	S	10	AL
	Spar Mt., Mis	2675 1951	260			8	0	0			L	8	A
	McClosky, Mis	2810 1944	#			6	0	0			L		AC
	St. Louis, Mis	2840	#			7	1	0		39	L	5	AC
		3002 1957	20			2	0	0		37	L	20	AC
	Clear Creek, Oev	4360 1949	170			12	0	0		40	D	x	ACU
Sharpsburg, Christian, 14N, 2W													
	Devonian	1972 1975	40	0.0	6.1	3	0	0	1		L	3	MU Sil 2062
	Silurian	1990 1974	30			2	0	0					
			10			1	0	0					
*Shattuc, Clinton, 2N, 1W													
	Cypress, Mis	1945	300	7.8	874.5	42	1	0	21	36	S	7	Ord 4146
	Benoist, Mis	1280 1945	150			15	0	0		35	S	13	AL
	Trenton, Ord	1420 1947	80			7	0	0		40	S	13	A
		4020 1948	220			21	1	0					
Shattuc N, Clinton, 2N, 1W													
	Benoist, Mis	1445 1961	10	0.0	2.4	1	0	0	0	36	S	7	Trn 4134
				ABO 1964									

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth (ft)	Area dis- covery in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone	Deepest test Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing end of 1986 year	GR.	Sul- fur per- cent	Kind rock ess	Thi- ckn- uct- ure	
Shawneetown, Gallatin, 9S, 9E														
Palestine, Mis		1945 1720 1955	80 40	0.0	16.9	6	0	0	0	35	\$	28	M	Mis 2837
Waltersburg, Mis		1900 1955	10			1	0	0		37	\$	12	M	
Tar Springs, Mis		1960 1955	60			3	0	0		37		x		
Cypress, Mis		2375 1956	10			1	0	0		38	\$	14	M	
Bethel, Mis		2400 1968	10			1	0	0				x		
Aux Vases, Mis		2650 1945	10			1	0	0	38	\$	10	MF		
ABO 1950, REV 1955, ABO 1960, REV 1968, ABO 1969														
Shawneetown E, Gallatin, 9S, 10E														
Waltersburg, Mis		1952 1855 1955	30 10	0.0	18.3	4	0	0	2	37	\$	10		Mis 2830
Bethel, Mis		2480 1955	10			1	0	0		37	\$	x		
Aux Vases, Mis		2660 1952	10			1	0	0	38	\$	9			
*Shawneetown N, Gallatin, 9S, 10E														
Aux Vases, Mis		1948 2750 1955	50 40	0.0	104.9	4	0	0	0	38	\$	20	MF	Mis 3131
McClosky, Mis		3045 1948	10			3	0	0		36	L	6	MF	
ABD 1953, REV 1955, ABD 1966														
*Shelbyville C, Shelby, 11N, 4E														
Aux Vases, Mis		1860 1946	110	0.7	53.3	9	0	0	1	34	S	15	A	Mis 3301
Shumway, Effingham, 9N, 5E														
McClosky, Mis		1965 2223 1965	20 10	0.0	3.4	2	0	0	0	37	L	3		Mis 2470
St. Louis, Mis		2431 1982	10			1	0	0				4		
ABD 1969, REV 1982, ABD 1984														
Sicily, Christian, 13N, 4W														
Silurian		1860 1956	70	0.0	69.4	7	1	0	1	39	L	16		Sil 1920
ABO 1967, REV 1986														
Sigel, Effingham, 9N, 6E														
McClosky, Mis		2350 1981	80	0.0	43.2	6	0	0	5		L	6		Ord 4702
*Siggins, Cumberland, Clark, 10-11N, 10-11E, 14W														
1st Siggins		1906 400	4430	x	x	1143	2	1	451	36	S	25	D	Trn 3341
2nd Siggins		460	#			912	2	0		36		x		
3rd & 4th Siggins		580	#			99	1	0		37		40	D	
Trenton, Ord		3013 1972	30			209	0	1		40	L	67		
SEE CLARK COUNTY DIV. FOR PRODUCTION														
Siloam, Brown, 2S, 4W														
Silurian		603 1959	420	4.1	286.3	38	4	0	20	37	D	4	UC	Stp 1115
*Sorento C, Bond, 6N, 4W														
Pennsylvanian		1938 570 1956	710 80	4.3	1965.0	61	0	0	8	31	S	20	A	Trn 2719
Lingle, Dev		1875 1938	650			55	0	0	35		S	8	A	
Sorento W, Bond, 6N, 4W														
Devonian		1880 1956	10	0.0	0.0	1	0	0	0	37	L			Ord 2706
ABD 1956														
Sparta +, Randolph, 4-5S, 5-6W														
Cypress, Mis		850 1888	20	0.0	x	2	0	0	0	35	S	7	D	Trn 3130
ABD 1900														
Sparta S, Randolph, 5S, 5W														
Cypress, Mis		880 1949	10	0.0	0.0	1	0	0	0	35	S	8	A	Mis 909
ABD 1950														
Springerton, White, 4S, 8E														
Aux Vases, Mis		3376 1980	90	5.2	33.0	8	0	0	6		S	x		Mis 3662
Springerton S, White, 4S, 8E														
Aux Vases, Mis		3325 1977	840 720	68.0	1220.9	56	0	0	58		S	8		Mis 4500
(Continued on next page)														

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proven depth (ft)	Area dis- covery in acres	Production (1000 barrels) During 1986	To end of 1986	Number of wells			Character of oil		Pay zone Kind of rock ess	Deepest test Zone (ft)
						Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duc- ing year	Sul- fur per- cent	API	
Springerton S, White, 4S, 8E												
	Ohara, Mis	3424	1978	160		1	0	0			L	4
	Spar Mt., Mis	3440	1976	#		4	0	0			S	9
	McClosky, Mis	3494	1978	#		6	0	0			L	6
	Salem, Mis	4290	1977	10		1	0	0			L	5
	Ullin, Mis	4385	1977	20		2	0	0			L	6
(Continued from previous page)												
Springfield E, Sangamon, 15N, 4W												
	Hibbard, Oev	1625	1960	230	2.9	348.5	22	0	0	3	37	R
	Silurian	1600	1960	220			22	0	0	39	0	Sil
										4	12	R
Spring Garden, Jefferson, 4S, 3E												
	McClosky, Mis	3090	1977	370	92.8	859.1	20	0	0	18		Mis
	Salem, Mis	3470	1983	330			18	0	0		OL	3993
				40			2	0	0		L	
*Staunton +, Macoupin, 7N, 7W												
	Pennsylvanian	515	1952	30	0.0	4.1	2	0	0	1	35	A
										11	Ord	2371
*Staunton W, Macoupin, 7N, 7W												
	Pennsylvanian	505	1954	270	7.1	163.5	28	1	0	17	35	Sil
										10	1512	
*Stewardson, Shelby, 10N, 5E												
	Aux Vases, Mis	1945	1939	360	9.2	1043.6	28	0	0	22		Oev
	Spar Mt., Mis	2021	1958	360			27	0	0	38	0.18	3414
				70			5	0	0	37	S	
Stewardson E, Shelby, 9-10N, 6E												
	Aux Vases, Mis	2177	1963	30	0.0	22.9	3	0	0	2		Mis
	Spar Mt., Mis	2197	1963	10			3	0	0	38	6	2561
				30						37	S	
Stewardson W, Shelby, 10N-5E												
	Benoist, Mis	1920	1970	30	0.0	0.0	3	0	0	2		Mis
					ABD	1971, REV 1983				5	3001	
Stiritz, Williamson, 8S, 2E												
	Bethel, Mis	2470	1976	110	6.6	244.6	7	0	1	4		Dev
	Aux Vases, Mis	2525	1971	40			2	0	0	SS	4	4669
				70			5	0	1	6		
*Storms C +, White, 5-6S, 9-10E												
	Pennsylvanian	1900	1939	5110	191.1	22523.7	474	8	2	194		AM
	Biehl, Penn	1320	1954	370			12	0	0	29		Dev
	Oegonia, Mis	1840	1951	#			16	0	0	35		5308
	Clore, Mis	2090	1954	180			14	1	2	35		A
	Palestine, Mis	2100	1954	250			30	0	0	35		AF
	Waltersburg, Mis	2150	1941	70			6	0	0	35		AL
	Tar Springs, Mis	2230	1939	2740			251	1	0	32		10
	Hardinsburg, Mis	2340	1946	300			28	0	0	37		MF
	Cypress, Mis	2476	1959	20			2	0	0	37		9
	Bethel, Mis	2700	1946	340			25	0	0	34		10
	Renault, Mis	2810		60			6	1	0	37		MF
	Aux Vases, Mis	2990		20			2	0	0	39		A
	Ohara, Mis	3000	1946	1150			84	1	0	35		AF
	Spar Mt., Mis	3095		630			17	5	0	35		AC
	McClosky, Mis	3115	1950	#			30	5	0	34		2
	Salem, Mis	3055		#			20	2	0			AC
	Ullin, Mis	3738	1966	40			3	0	0			MC
		4030	1984	10			1	0	0			
*Stringtown, Richland, 4-5N, 11E, 14W												
	Ste. Gen., Mis	3025	1941	780	9.9	1811.8	54	0	0	16	40	0.24
					ABO	1975, REV 1981				OL	8	AC
												3855
Stringtown E, Richland, 4N, 14W												
	Spar Mt., Mis	3040	1948	420	4.4	120.5	28	0	0	16		
	McClosky, Mis	3010	1948	420	#		12	0	0	37		
							16	0	0	SL	5	3714

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covery acres	Production (1000 barrels)		Number of wells			Character of oil			Pay zone	Deepest test Depth (ft)		
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- dron- ducing in 1986	Pro- duced end of year	GR.	Sul- fur per- cent	Kind rock ess			
Stringtown S, Richland, 4N-14W															
	Spar Mt., Mis	3117	1970	40	0.0	5.9	4	0	0	0	S	8	Mis	3786	
				ABD 1976, REV 81, ABD 82											
Stubblefield S +, Bond, 4-5N, 3-4W														Dev 2455	
	Pennsylvanian	540	1955	150	3.6	106.2	12	0	0	10	S	15			
	Cypress, Mis	985	1955	40			3	0	0		S	4			
	Devonian	2185	1963	10			1	0	0	35	L	8			
				120			8	0	0	37					
				ABD 1956, REV 1963, ABD 1965, REV 1974											
Sumner, Lawrence, 4N, 13W															
	McClosky, Mis	2260	1944	50	0.4	19.9	4	0	0	2	39	L	4	MC	2560
				ABD 1953, REV 1979											
Sumner Cen, Lawrence, 4N, 13W															
	Spar Mt., Mis	2544	1966	10	0.0	0.7	1	0	0	0	37	L	5	Mis	3100
				ABD 1968											
Sumner S +, Lawrence, 3N, 13W															
	Aux Vases, Mis	2620	1964	140	1.5	20.7	13	3	0	8	36	S	8	Mis	3223
	Spar Mt., Mis	2670	1981	130			10	1	0			S	4		
				40			4	3	0						
				ABD 1969, REV 1980											
Sumpter, White, 4S, 9E															
	Degonia, Mis	2140	1945	380	6.1	484.8	28	0	0	15	S	5	A	Ord	7852
	Clore, Mis	2195	1975	10			1	0	0			S	5		
	Tar Springs, Mis	2575	1945	290			21	0	0	37	S	18	AF		
	Hardinburg, Mis	2655	1951	10			1	0	0	36	S	14	AF		
	Cypress, Mis	2860	1948	70			5	0	0	37	S	15	AF		
	Ohara, Mis	3222	1960	10			1	0	0	36	L	6	A		
	McClosky, Mis	3308	1984	10			1	0	0			L	5		
*Sumpter E, White, 4-5S, 10E															
	Cypress, Mis	2795	1951	1630	20.1	3087.8	104	1	0	41	37	S	16	AL	Mis 4204
	Bethel, Mis	2922	1960	220			18	0	0			S	12	A	
	Aux Vases, Mis	3020	1952	20			2	0	0	35	S	8			
	Ohara, Mis	3115	1951	430			29	0	0	39	S	15	AL		
	Spar Mt., Mis	3140	1952	1140			48	1	0	36	L	12	AC		
	McClosky, Mis	3150	1952	#			18	0	0	36	L	4	AC		
				#			3	0	0	33	L	5	AC		
*Sumpter N, White, 4S, 9E															
	Aux Vases, Mis	3185	1952	340	3.1	721.6	25	2	0	13	37	S	3	AL	Dev 5500
	Ohara, Mis	3270	1982	240			16	1	0			S	6		
	Spar Mt., Mis	3292	1982	50			2	1	0			S	8		
	McClosky, Mis	3312	1974	#			2	0	0			OL	4		
	St. Louis, Mis	3419	1985	10			3	2	0			L	4		
	Salem, Mis	4080	1985	10			1	1	0			L	8		
	Ullin, Mis	4230	1975	50			4	1	0			L	30		
*Sumpter S, White, 4-5S, 9E															
	Tar Springs, Mis	2580	1948	290	9.2	1041.3	32	0	0	11	34	S	8	AF	Mis 4243
	Bethel, Mis	3025	1948	160			16	0	0			S	15	AF	
	Aux Vases, Mis	3260	1948	10			1	0	0	35	S	10	AF		
				210			16	0	0	37					
Sumpter W, White, 4S, 9E															
	Aux Vases, Mis	3165	1952	60	1.9	42.4	4	0	0	3	37	S	5	AL	Mis 4050
	Ohara, Mis	3244	1980	20			2	0	0			L	4		
				40			4	0	0						
				ABD 1964, REV 1969											
*Tamaroa, Perry, 4S, 1W															
	Cypress, Mis	1120	1942	350	3.4	478.0	24	0	0	10	30	S	13	AL	Trn 4287
	Trenton, Ord	4135	1964	250			19	0	0			S	40		
				110			6	0	0			L			
*Tamaroa S, Perry, 4S, 1W															
	Cypress, Mis	1155	1957	300	3.8	368.2	23	0	0	15	28	S	7		Mis 1385

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covery in acres	Production (1000 barrels)			Number of wells			Character of oil			Pay zone Kind of rock	Deepest test Zone		
				During 1986	To end of 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned in 1986	Pro- duc- ing year	GR.	Sul- fur per- cent	API			
Tamaroa W, Perry, 4S, 2W																
	Cypress, Mis	1100	1956	20	0.0	2.5	3	0	0	1	34	S	5	Dev	2902	
Taylor Hill, Franklin, 5S, 4E																
	Ohara, Mis	3055	1949	270	15.3	240.1	22	2	0	14	37	L	4	Dev	5040	
	St. Louis, Mis	3365	1985	80			6	0	0			L	5			
	Salem, Mis	3635	1979	10			1	0	0			L	6			
	Ullin, Mis	3940	1961	20			2	0	0			L	15			
				230			13	2	0		38					
					ABO 1968, REV 1977											
Teutopolis, Effingham, 8N, 6E																
	Spar Mt., Mis	2402	1966	170	5.8	214.7	12	0	0	9		L	5	Oev	4037	
	McClosky, Mis	2530	1966	#			11	0	0			OL	4			
	St. Louis, Mis	2570	1967	40			2	0	0		38	L	4			
							3	0	0		39	OL	4			
					ABO 1968, REV 1977											
Teutopolis S, Effingham, 8N, 6E																
	Spar Mt., Mis	2477	1968	50	0.0	20.1	3	0	0	0		S	4	Mis	2950	
	McClosky, Mis	2535	1968	50			2	0	0			OL	5			
				#												
					ABO 1983											
*Thackeray, Hamilton, 5S, 7E																
	Cypress, Mis	3030	1944	840	3.3	4483.6	76	0	0	29		S	24	Oev	5611	
	Aux Vases, Mis	3360	1944	30			3	0	0			S	15			
	Ohara, Mis	3435	1946	760			68	0	0		37	S	AC			
	McClosky, Mis	3500	1946	120			1	0	0			L	5			
				#			6	0	0		37	L	10			
					ABO 1983							OL	AC			
Thompsonville, Franklin, 7S, 4E																
	Ohara, Mis	3110	1940	430	1.8	430.0	44	0	0	16		L	4	Oev	5400	
	Spar Mt., Mis	3190	1967	350			10	0	0			LS	4			
	McClosky, Mis	3200	1940	#			2	0	0			L	10			
	St. Louis, Mis	3450	1946	90			20	0	0		38	L	10	A		
					ABO 1947, REV 1967					39	0.16					
*Thompsonville E, Franklin, 7S, 4E																
	Aux Vases, Mis	3150	1949	180	6.6	629.2	14	0	0	1	38	S	8	ML	3371	
*Thompsonville N, Franklin, 7S, 4E																
	Cypress, Mis	2750	1944	960	35.1	3965.0	94	2	0	19		S	10	Mis	4181	
	Aux Vases, Mis	3100	1948	20			91	1	0		37	S	20	AL		
	Spar Mt., Mis	3062	1985	960			1	1	0		35	L	4			
				10								OL				
Tilden, Randolph, 4S, 5W																
	Silurian	2160	1952	640	85.4	4834.1	46	8	0	41	40	L	60	R	Trn	3100
Tilden N, St Clair, Washington, Randolph, 3-4S, 5-6W																
	Devonian		1968	690	16.2	1014.0	43	0	0	43		L	29	R	Ord	2810
	Silurian	2010	1981	150			9	0	0			70	R			
		2014	1968	550			34	0	0		42					
Toliver E, Clay, 5N, 6-7E																
	Cypress, Mis	2510	1943	210	2.4	317.2	18	0	0	12		S	14	M	Mis	3519
	Aux Vases, Mis	2740	1955	10			1	0	0		36	S	4	M		
	Spar Mt., Mis	2815	1967	50			4	0	0		36	S	6	MC		
	McClosky, Mis	2840	1943	140			7	0	0		36	L	8	MC		
				#			6	0	0		35	OL				
Toliver S, Clay, 4N, 6E																
	Aux Vases, Mis	2765	1953	80	0.0	60.4	4	0	0	0	36	S	5	M	Mis	2915
	McClosky, Mis	2875	1956	20			1	0	0		34	L	5	MC		
				60			3	0	0			OL		MC		
					ABO 1964, REV 1983, ABO 1985											
*Tonti, Marion, 2-3N, 2E																
	Benoist, Mis	1930	1939	610	59.5	14654.4	111	2	0	66		S	20	R	Ord	4900
	Aux Vases, Mis	2005	1939	140			18	0	0		36	S	30	Rd		
				200			28	2	0		37	L	30	Rd		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proven depth (ft)	Area covered in acres	Production (1000 barrels)		Number of wells			Character of oil			Pay zone	Deepest test Zone (ft)		
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned in 1986	Pro- duc- ing end of year	GR	Sul- fur per- cent	Kind of rock	Thi- ck- ness	Str- uct- ure	
*Tonti, Marion, 2-3N, 2E															
	Spar Mt., Mis McClosky, Mis Devonian	2125 2130 3500	1939	650 # 80		16 75 7	0 0 0	0 0 0	0 38 37	LS OL 0	12 15 7	Rd Rd Rd			
Tovey, Christian, 13N, 3W															
	Silurian	1850	1955	10 ABD 1973	0.0	28.0	1	0	0	0	38	L	10	Sil 1881	
*Trumbull C, White, 5S, 8-9E															
	Pennsylvanian Tar Springs, Mis Cypress, Mis Bethel, Mis Aux Vases, Mis Ohara, Mis Spar Mt., Mis McClosky, Mis St. Louis, Mis Ullin, Mis	830 2528 2845 2955 3170 3230 3270 3290 3561 4110	1944 1962 1944 1959 1946 # 1946 1947 1982 1978	1640 30 460 70 540 730 # # 30 20	19.1	3979.7	129	3	0	64		S SS SS SS SS L L L L	12 5 10 9 9 15 16 14 20	A A A A AC AC AC	
*Trumbull N, White, 4S, 8E															
	Aux Vases, Mis Ohara, Mis McClosky, Mis	3325 3420 3466	1961 1979 1961	250 50 #	24.6	190.8	19	0	0	13	36	S L OL	6 4 16	Mis 4960	
Turkey Bend, Perry, 4S, 2W															
	Trenton, Ord	3940	1957	50	1.8	69.3	3	0	0	3	39	L	1	Ord 4044	
*Valier, Franklin, 6S, 2E															
	Aux Vases, Mis McClosky, Mis	2685 2715	1942 1942	120 110 10	2.6	148.0	7 6 1	0	0	3	39	S L	7 12	Mis 2900	
Vergennes, Jackson, 7S, 2W															
	Devonian	3300	1975	310	8.9	86.7	19	0	2	15	39	D	10	U Ord 7094	
Virden W, Macoupin, 12N, 7W															
	Devonian Silurian	1361 1400	1963 1982	70 30 40	0.2	2.8	5 2 3	0	0	2	38	L	20 10	Sil 1500	
Waggoner +, Montgomery, 11N, 5W															
	Pottsville, Penn	610	1940	40 ABO 1949, REV 59	0.0	12.0	7 63, ABD 60, REV 63 64, REV 77	0	0	1	28	0.21	S	10	Sil 1945
Wakefield, Jasper, 5N, 9E															
	Spar Mt., Mis McClosky, Mis	3100 3105	1946 1986	40 40 10	0.8	2.5	3 2 1	1 0 0	0	1	38	L OL	5 6	Mis 3756	
Wakefield N, Jasper, 5N, 9E															
	McClosky, Mis	3000	1953	10 ABO 1958	0.0	23.2	1	0	0	0	37	L	6	Mis 3204	
Wakefield S, Richland, 5N, 9E															
	Spar Mt., Mis McClosky, Mis Salem, Mis	3040 3040 3540	1955 1955 1981	100 80 20	0.0	7.7	8 1 2	0 0 0	0	37	S L L	4 4 5	Mis 3807		
*Walpole, Hamilton, 6-7S, 6E															
	Tar Springs, Mis Benoist, Mis Aux Vases, Mis Ohara, Mis Spar Mt., Mis McClosky, Mis	2465 2962 3070 3152 3195 3162	1941 1979 1941 1979 1954 1960	2210 110 2070 210 # #	24.7	10633.6	139 1 122 1 4 11	0 0 0 0 0 0	0 0 0 0 0 0	63 37 37 37 37 37	S SS SS SS L OL	15 8 20 4 7 7	A AL A A AC AC		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year proved Depth (ft)	Area covered in acres	Production (1000 barrels) During 1986	Number of wells			Character of oil		Pay zone Kind of rock Stratigraphic Zone	Deepest test Depth (ft)			
					To end of 1986	Completions to end of 1986	Reported to end of 1986	Producing in 1986	Abandoned end of 1986	GR. API	Sulfur per cent			
*Walpole, Hamilton, 6-7S, 6E														
	St. Louis, Mis	3544	1960	30		3	0	0		38	L	8	AC	
	Salem, Mis	4058	1979	20		2	0	0			L	16		
	Ullin, Mis	4194	1985	10		1	0	0			L	4		
	Clear Creek, Dev	5314	1984	10		1	0	0			D	6		
(Continued from previous page)														
Walpole S, Hamilton, 7S, 6E														
	Aux Vases, Mis	3120	1951	50	D.O. ABO 1975, REV 1984	123.3	3	0	0	1	37	S	6	AL
Waltonville, Jefferson, 3S, 2E														
	Benoist, Mis	2460	1943	70	1.0	150.6	7	1	1	4	38	0.14	A	
	St. Louis, Mis	2767	1962	10			4	0	0	37	S	9	Dev	
	Salem, Mis	3170	1981	10			1	0	0		L	14		
	Borden, Mis	3577	1982	10			1	1	1		L	5		
											S	23		
*Wamac, Marion, Clinton, Washington, 1N, 1E, 1W														
	Petro, Penn	720	1921	310	3.5	715.8	121	0	0	3	36	S	20	OF
	Devonian	3015	1959	310			119	0	0	38	S	9	DF	
											L	9	OF	
Wamac E +, Marion, 1N, 1E														
	Isabel, Penn	845	1952	170	2.4	65.3	13	0	0	5	30	S	15	ML
											L	15	Trn	
*Wamac W, Clinton, 1N, 1W														
	Cypress, Mis	1312	1962	260	13.7	1122.6	28	0	0	22	35	S	8	Oev
	Benoist, Mis	1466	1962	130			15	0	0	36	S	12		
							13	0	0					
Wapella E, Oewitt, 21N, 3E														
	Devonian	1108	1962	350	46.4	3435.1	36	0	0	35	31	L	5	Stp
	Silurian	1112	1962	350			36	0	0	31	L	6		
											R			
*Warrenton-Borton, Edgar, Coles, 13-14N, 13-14W														
	Pennsylvanian	200	1906	590	0.0	34.1	58	0	0	5	31	S	20	ML
											L	20	Trn	
Waterloo, Monroe, 1-2S, 10W														
	Trenton, Ord	410	1920	880	5.7	308.4	97	4	0	57	30	L	50	A
											PC	50		
Watson, Effingham, 7N, 5-6E														
	Spar Mt., Mis	2415	1957	30	0.4	66.2	3	0	1	0	38	S	5	Mis
	McClosky, Mis	2434	1958	30			2	0	0			L	11	
							1	0	1					
Watson W, Effingham, 7N, 5E														
	Aux Vases, Mis	2208	1965	20	0.0	15.4	2	0	0	2	39	S	12	Mis
											L	12		
Waverly +, Morgan, 13N, 8W														
	Devonian	1020	1946	20	0.0	0.0	1	0	0	0		L	10	A
												10	Ord	
Wayne City, Wayne, 2S, 6E														
	Salem, Mis	3974	1978	50	0.0	5.3	5	0	0	2		L	28	Oev
												28		
Weaver, Clark, 11N, 10W														
	Cole, Mis	1565	1949	570	11.0	2491.2	46	0	0	28	30	S	5	R
	Devonian	2030	1949	30			44	0	0	37	S	10	Rd	
											L	10	Rd	
*West Frankfort C, Franklin, 7S, 2-3E														
	Tar Springs, Mis	2060	1941	1790	48.6	7949.6	158	1	0	55	39	A	20	Dev
	Aux Vases, Mis	2710	1947	680			70	0	0	38	S	20	A	
	Ohara, Mis	2760	1943	490			42	1	0	38	S	20	AL	
							45	0	0	38	S	8	AC	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved in	Area dis- covery acres	Production (1000 barrels)	Number of wells				Character of oil		Pay zone	Deepest test Depth (ft)		
					Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned 1986	Pro- duc- ing end of 1986	Sul- fur per- cent	Kind rock ess	Thi- ckness	Struc- ture		
*West Frankfort C, Franklin, 7S, 2-3E														
	Spar Mt., Mis	2810	#		6	0	0		38	L	8	AC		
	McClosky, Mis	2825	1947		22	0	0			L	14	AC		
	St. Louis, Mis	3161	1980	10	1	0	0			L	2			
(Continued from previous page)														
*West Seminary, Clay, 2N, 7E														
	Aux Vases, Mis	1959	320	0.0	819.9	29	0	0	2	37	S	10	MC	
	Spar Mt., Mis	2972	1959	230		18	0	0			L	6	MC	
	McClosky, Mis	3059	1959	290		3	0	0			OL	12	MC	
						14	0	0	38					
*Westfield, Clark, Coles, 11-12N, 11E-14W														
	Pennsylvanian	1904	9750	x	x	2127	111	2	523	28	S	25	D	
	Pennsylvanian	280	1750			277	10	0			SL	21	Stp	
	Spar Mt., Mis	348	1984	10		1	0	0				0	3009	
	Westfield, Mis	335	9640			1683	91	0		32	L	25		
	Carper, Mis	875	690			40	0	0		38	S	18		
	Devonian	1165	1984	10		1	0	0			L	5		
	Trenton, Ord	2300	1980			130	10	2	38	0.18	L	40	0	
SEE CLARK COUNTY DIV. FOR PRODUCTION														
*Westfield E +, Clark, 11-12N, 14W														
	Pennsylvanian	400	1947	310	0.5	15.0	45	0	0	30	28	S	11	ML
												Mis	795	
Westfield N, Coles, 12N, 14W														
	Pleasantview, Penn	1949	20	0.0	0.4		2	0	0	0	28	S	5	Pen
	Pennsylvanian	275	1949	20	#		1	0	0			S	10	
					ABD 1957									
Whiteash, Williamson, 8S, 2E														
	Aux Vases, Mis	1972	70	0.3	34.5		5	0	0	4		S	12	Mis
	Ohara, Mis	2464	1973	60			4	0	0			L	8	2651
		2532	1972	20			2	0	0					
*Whittington, Franklin, 5S, 3E														
	Hardinsburg, Mis	1939	1480	130.9	3793.7		135	5	0	99	38	S	10	A
	Cypress, Mis	2310	1948	440			29	0	0		35	SL	10	A
	Bethel, Mis	2535	280				20	0	0		38	S	4	A
	Aux Vases, Mis	2612	1961	80			5	0	0		38	S	15	A
	Ohara, Mis	2735	150				16	1	0		38	L	10	AC
	Spar Mt., Mis	2835	440				15	0	0		37	L	10	AC
	McClosky, Mis	2880	#				9	0	0		38	L	9	AC
	St. Louis, Mis	2870	1939				9	0	0		0.24	L	6	AC
	Salem, Mis	3080	1939	150			14	1	0		38	L	10	AC
	Ullin, Mis	3300	1977	260			21	2	0			L	7	
	Devonian	3560	1977	20			1	0	0			L	15	
		4900	1981	550			29	1	0					
Whittington S, Franklin, 5-6S, 3E														
	Cypress, Mis	2580	1950	120	2.1	495.5	10	0	0	10	35	S	10	A
												Mis	3904	
*Whittington W, Franklin, 5S, 2-3E														
	Benoist, Mis	1943	670	0.0	1571.2		38	0	0	2	36	S	10	AL
	Renault, Mis	2615	1949	10			1	0	0		37	SL	10	AL
	Aux Vases, Mis	2700	1956	480			21	0	0		38	S	15	AL
	Ohara, Mis	2700	1944	180			13	0	0			L	5	AC
	Spar Mt., Mis	2780	1947	110			5	0	0			L	4	AC
	McClosky, Mis	2900	#				2	0	0		38	L	6	AC
*Wilberton, Fayette, 5N, 2-3E														
	Borden, Mis	1959	1100	14.3	1931.2		62	1	0	40	35	S	38	Ord
	Carper, Mis	2628	1963	10			1	0	0		37	S	39	
	Lingle, Dev	3203	1961	1080			49	0	0		28	S	4	
		3466	1959	70			6	1	0					
Williams C, Jefferson, 2-3S, 2E														
	Cypress, Mis	1948	500	7.1	1465.5		47	0	0	29		S	6	Oev
	Benoist, Mis	2330	1983	10			1	0	0			SS	10	AL
	Aux Vases, Mis	2490	1949	230			17	0	0		37	S	5	AL
	McClosky, Mis	2550	1949	410			30	0	0		37	L	x	AC
		2600	20				2	0	0		37			

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of dis- covery	Area in acres	Production (1000 barrels)			Number of wells			Character of oil		Pay zone Kind of rock	Depth Zone	Deepest test Depth
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed 1986	Pro- duc- ing 1986	Aban- doned 1986	Sur- fur per- cent	GR. API			
*Woburn C, Bond, 6-7N, 2W														
Cypress, Mis		1940	1490	21.5	4765.6	144	0	0	50	35	S	8	A	Ord 3620
Benoist, Mis	865	1950	310			20	0	0		36	SS	10	AL	
Renault, Mis	1020	1940	340			38	0	0		36	L	10	AL	
Aux Vases, Mis	1047	1958	10			1	0	0		36	S	10	AL	
Lingle, Dev	1055	1956	140			59	0	0		36	SS	10	AL	
Trenton, Ord	2275	1949	760			25	0	0		35	L	8	AC	
	3170	1947	390							39	0.27	12	A	
*Woodlawn, Jefferson, 2-3S, 1-E														
Tar Springs, Mis	1440	1940	1980	33.7	18637.4	203	0	3	69	35	S	8	A	Ord 5101
Cypress, Mis	1800	1943	180			3	0	0		37	SS	10	AL	
Benoist, Mis	1960	1940	1910			182	0	3		37	L	25	A	
Aux Vases, Mis	1975	1945	270			24	0	0		38	S	10	A	
Ohara, Mis	2180	1984	280			1	0	0			L	5	A	
Spar Mt., Mis	2205	1947	#			17	0	0		38	LS	15	A	
McClosky, Mis	2200	1948	#			1	0	0			S	3	A	
Lingle, Dev	3690	1945	70			11	0	0		37	S	6	A	
Woodlawn N, Jefferson, 2S, 2E														
McClosky, Mis	2304	1979	10	x	x	1	0	0	1		L	5	Mis	2444
Woodlawn S, Jefferson, 3S, 1E														
Salem, Mis	2910	1981	60	0.9	17.4	3	0	0	3		L	8	Mis	3125
Xenia, Clay, 2N, 5E														
Aux Vases, Mis	2785	1941	300	13.4	144.8	22	0	0	17	35	S	13	A	Dev 4885
Carper, Mis	4230	1962	150			11	0	0		38	S	12	A	
Devonian	4498	1982	240			12	0	0			L	11	A	
Xenia E, Clay, 2N, 5E														
Cypress, Mis	2500	1951	300	3.6	962.7	30	0	0	10	37	S	6	A	Mis 4620
Benoist, Mis	2710	1951	260			18	0	0		35	SS	6	AL	
Renault, Mis	2755	1959	110			9	0	0		35	L	6	AL	
Aux Vases, Mis	2741	1960	20			2	0	0		35	SS	15	AL	
McClosky, Mis	2900	1981	30			3	0	0		35	L	10	A	
			10			1	0	0			L	7	A	
Yale, Jasper, 8N, 11E														
Benoist, Mis	1737	1966	700	59.2	385.7	48	9	1	37		S	8		Sil 3637
Aux Vases, Mis	1650	1985	10			1	0	0			S	4		
Spar Mt., Mis	2070	1966	40			3	0	0			L	10		
McClosky, Mis	2140	1966	660			12	0	0		37	L	6		
			#			34	8	1						
*York, Cumberland, Clark, 9-10N, 10-11E, 14W														
Isabel, Penn	590	1907	410	A8D 45, REV 50, SEE CLARK COUNTY D1V. FOR PROD.	x	79	0	0	8	31	S	15	AM	Dev 2642
*Zeigler, Franklin, 7S, 2E														
Aux Vases, Mis	2614	1963	350	8.2	2189.0	34	0	1	31	37	S	19	Mis	3030
Zeigler S E, Franklin, 7S, 2E														
McClosky, Mis	2835	1984	20	0.0	0.0	1	0	0	1		L	6	Mis	4333
Zenith, Wayne, 2N, 5E														
McClosky, Mis	2970	1948	50	0.0	26.8	5	0	0	0	38	L	7	AC	Mis 3601
St. Louis, Mis	3088	1969	40			4	0	0			L	6	AC	
			10			1	0	0						
			ABD 1956, REV 69, ABD 70, REV 73, ABD 80											
*Zenith E, Wayne, 1N, 6E														
Spar Mt., Mis	3170	1965	320	0.0	548.4	20	0	0	13	37	L	10		Mis 4102
McClosky, Mis	3200	1981	250			14	0	0			L	4		
St. Louis, Mis	3270	1981	40			3	0	0			L	4		
Salem, Mis	3945	1981	20			1	0	0			L	4		
			10			2	0	0						

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covered in acres	Production (1000 barrels)		Number of wells			Character of oil			Pay zone	Deepest test Depth (ft)		
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- Aban- doned 1986	Pro- duc- ing year	Sul- fur per- cent	Kind rock ess	Thi- ckn- ess	Str- uct- ure		
*Zenith N, Wayne, 2N, 6E															
	Spar Mt., Mis	3080	1951	450	14.4	1585.5	35	1	0	19	38	L	6	A	Dev 5000
	McClosky, Mis	3140	1951	300	#		16	1	0			L	4	AC	
	Salem, Mis	3634	1972	250			7	0	0			L	6	AC	
							17	0	0						
Zenith S, Wayne, 1N, 5E															
	Ohara, Mis	2920	1949	310	0.0	766.1	16	0	0	0		L	6	M	Mis 3827
	McClosky, Mis	2985	1949	310	#		2	0	0			L	7	MC	
						ABD 66, REV 67, ABD 70, REV 82, ABD 85	14	0	0	37					

1986 TOTALS

Area proved in acres	716,600
Production during 1986	25,283
Production, location unknown	1,962
Production to end of 1986	3,315,869
Wells completed to end of 1986	78,904
Wells completed in 1986	1,325
Wells abandoned in 1986	336
Wells producing at end of 1986	31,993

*Production totals in thousands of barrels

Table 8 Illinois gas field statistics, 1986; explanation of abbreviations and symbols

Field:	N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Fields located in two or more counties have county names listed in order of discovery.
Age:	PC, Precambrian; Cam, Cambrian; Ord, Ordovician; Shk, Shakopee; Stp, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian.
Kind of rock in pay zone	D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; : OL, oolitic limestone; S, sandstone.
ABD:	Field abandoned.
REV:	Field revived.
Structure/ trap:	A, anticline; C, stratigraphic trap; D, dome; F, faulting; H, strata horizontal or nearly horizontal; L, lens; M, monocline; R, reef; Rd, reef drape; T, terrace; U, unconformity. Combinations of letters are used when more than one factor applies.
+	From oil wells.
*	Field listed in table 7 (oil production).
++	Gas storage project.
#	Acreage is included in the immediately preceding figure.
x	Correct entry not determinable.

Table 8 Illinois gas field statistics, 1986

Pool, county location by township and range	Pay zone Name and age	Year of dis- covery	Area proved in acres	Production MMCF		Number of wells					Pay zone Kind of rock	The- ckn- ess	Str- uct- ure	Depth Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned	Pro- duced end of 1986						
Adams; Adams; 2S; 6-7W	Silurian	409 1983	120	0.0	0.0	10	10	0	10		L	5	MU	Sil	560
*Albion C; Edwards, White; 3S; 10E	Pennsylvanian	1490 1940	50	0.0	9.4	2	0	0	0		S	6	MF	Oev	5185
Alhambra; Madison; 5N; 5W	Pennsylvanian	600 1974	20	0.0	0.0	1	0	0	0		S	6	Sil	2005	
*Amity S.; Richland; 4N; 14W	Spar Mt., Mis	2910 1981	10	0.0	0.0	1	0	0	0		S	3		Mis	3071
*Ashmore E; Edgar; 13N; 14W	Pennsylvanian	367 1973	20	0.0	0.0	2	0	0	0		S	22		Oev	1228
***Ashmore S; Clark, Coles; 12N; 10-11E; 14W	Pennsylvanian	430 1958	460	0.0	x	23	0	0	0		S	x	A	Trn	2260
	Osage, Mis	385 1963	440	20		22	0	0	0		S	x	A		
						1	0	0	0						
*Ava-Campbell Hill; Jackson; 7S; 3-4W	Cypress, Mis	780 1916	370	0.0	ABD 1943; REV (OIL) 1956; ABD 1957	20	0	0	0		S	18	A	Trn	3582
Ayers Gas; Bond; 6N; 3W	Benoist, Mis	940 1922	325	0.0	298.7	21	0	0	0		S	5	A	Ord	3044
Beardstown; Schuyler; 1N; 1W	Devonian	452 1983	190	0.0	0.0	15	4	0	15		L	4		Sil	677
	Silurian	568 1985	160	30		12	1	0	0		L	4			
						3	3	0	0						
*Beaver Creek N; Bond; 4N; 2W	Benoist, Mis	1132 1965	40	0.0	0.0	1	0	0	0		S	x		Oev	2556
++Beaver Creek NE Gas; Bond; 4N; 2W	Benoist, Mis	1126 1961	70	0.0	x	7	0	0	0		S	5		Sil	2487
*Beaver Creek S; Bond, Clinton; 3-4N; 2W	Cypress, Mis	1015 1946	280	0.0	0.0	8	0	0	0		S	20	A	Sil	2606
Beckmeyer Gas; Clinton; 2N; 3W	Cypress, Mis	1070 1956	90	0.0	0.0	2	0	0	0		S	23		Sil	2730
	Benoist, Mis	1155 1975	80	10	0.0	1	0	0	0		S	13			
					ABD 1958; REV 1975										
*Bellair; Crawford; 8N; 14W	Carper	1722 1970	10	0.0	0.0	1	0	1	0		S	45		Oev	2732
Beverly Gas; Adams; 3S; 5W	Silurian	450 1957	80	0.0	0.0	2	0	0	0		L	6		Stp	840
Beverly S; Adams; 3S; 5W	Silurian	550 1984	10	0.0	0.0	1	0	0	0		L	2		Sil	552
*Black Branch E; 15N; 14W	Silurian	1695 1969	20	0.0	0.0	1	0	0	0		L	23	MU	Sil	1755

Table 8 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of proved dis- (ft)	Area covered in acres	Production MMCF			Number of wells				Pay zone Kind of rock Thick- ness	Struc- ture Zone	Deepest Depth (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duced end of year					
*Boulder; Clinton; 2-3N; 2W														
	Geneva, Dev	2630	1941	320	0.0	0.0	4	0	0	0	0	7	R	Trn 3813
*Boulder E; Clinton; 3N; 1W														
	McClosky, Mis	1957	90	0.0	0.0	0.0	3	0	0	0	L	5	Sil	2946
	Devonian	1981	10				1	0	0		L	12	x	
		2840	1957	80			3	0	0					
*Brooklyn; Schuyler; 3N; 3W														
	Silurian	512	1984	10	0.0	0.0	1	0	0	1	L0	5	Ord	996
*Carlinville; Macoupin; 9N; 7W														
	Pennsylvanian	365		60	0.0	0.0	6	0	0	0	S	x	x	Mis 1380
*Carlinville N; Macoupin; 10N; 7W														
	Pottsville, Penn	440	1941	40	0.0	0.0	1	0	0	0	S	10	x	Trn 1970
*Carlyle; Clinton; 2N; 3W														
	Cypress, Mis	1015	1958	20	0.0	x	2	0	0	0	S	x	AL	Stp 4120
*Casey; Clark; 10-11N; 14W														
	Casey, Penn	440		x	0.0	x	0	0	0	0	S	x	AM	Trn 2608
Claremont; Richland; 3n; 14W														
	Spar Mt., Mis	3200	1950	160	0.0	0.0	1	0	0	0	L	5	MC	Mis 4065
*++Cooks Mills C; Coles, Douglas; 14N; 7-8E														
			1941	960	0.0	1895.4	24	1	0	0	S	10	A	Oev 3059
	Cypress, Mis	1600	680				14	0	0		S	8	AC	
	Aux Vases, Mis	1800	40				1	0	0		S	15	A	
	Spar Mt., Mis	1765	450				6	0	0		L	4	AC	
	McClosky, Mis	1844	10				1	1	0					
Cooperstown; Brown; 1S; 2W														
	Silurian	516	1977	30	0.0	0.0	3	0	0	0	L	6	x	Sil 575
Corinth S; Williamson; 9S; 4E														
	Hardinsburg, Mis	2232	1970	60	0.0	147.4	4	0	0	0	S	4		Mis 2823
*Oubois C; Washington; 3S; 1-2W														
	Cypress, Mis	1220	1939	400	0.0	0.0	10	0	0	0	S	10	AL	Ord 4217
*Oudley; Edgar; 14N; 13W														
	Pennsylvanian	300	1948	170	0.0	x	5	0	0	0	S	20	M	Stp 2997
Oudley West Gas; Edgar; 13N; 13W														
	Pennsylvanian	380	1953	130	0.0	0.0	4	0	0	0	S	11	x	Pen 513
*Eagerville E; Macoupin; 8N; 6W														
	Pennsylvanian	650	1982	x	0.0	0.0	1	0	0	0	S	x	x	Pen 674
++Eden Gas; Randolph; 5S; 5W														
	Cypress, Mis	875	1962	1000	0.1	381.6	15	0	0	3	S	x		Mis 2337
*Eldorado C; Saline; 8S; 7E														
	Pennsylvanian	1620	1984	1941	300	22.0	3996.9	19	0	0	x	S	x	A
	Palestine, Mis	1920		10			1	0	0		S	20	AL	
	Waltersburg, Mis	2055		120			3	0	0		S	20	AL	
	Tar Springs, Mis	2225		80			2	0	0		S	17	AL	
(Continued on next page)														

Table 8 (continued)

Pool, county by township and range	Pay zone Name and age	Year Depth (ft)	Area of dis- covery in acres	Production MMCF During 1986	To end of 1986	Number of wells					Pay zone Kind of rock	The- re- struc- ture Zone	Deepest test Depth (ft)	
						Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned in 1986	Pro- duced end of 1986	year				
*Eldorado C; Saline; 8S; 7E														
	Hardinsburg, Mis	2353	1962	120		4	0	0			S	5	x	
	Cypress, Mis	2460		80		2	0	0			S	20		
*Eldorado E; Saline; 8S; 7E														
	Palestine, Mis	1900	1953	120	6.5	1133.4	10	0	0	1	S	30	A	Mis
	Tar Springs, Mis	2135		80			5	0	0		AL	20	SL	
	Cypress, Mis			20			5	0	0					
				10			1	0	0					
*Eldorado W; Saline; 8S; 6E														
	#6 Coal, Penn	390	1978	20	34.2	283.0	2	0	0	1	C			Mis
	Palestine, Mis	1923	1960	10			1	0	0		S	27	x	
				10			1	0	0		S			
Ficklin; Douglas; 16N; 8E														
	Spar Mt., Mis	1444	1966	40	0.0	0.0	1	0	0	0	S	20	x	Cam
Fidelity; Jersey; 8N; 10W														
	St. Louis, Mis	330	1984	20	0.0	0.0	2	1	0	2	L	10		
Fishhook Gas; Adams; Pike; 3-4S; 4-5W														
	Edgewood, Sil	450	1955	7250	195.6	2130.4	70	0	0	6	L	5	AU	Stp
**Freeburg; St. Clair; 1-2S; 7W														
	Cypress, Mis	380	1956	700	0.0	x	29	0	0	0	S	30	C	Ord
**Gillespie-Benld (Gas); Macoupin; 8N; 6W														
	Pennsylvanian	540	1923	80	0.0	135.8	5	0	0	0	S	x	A	Pen
				ABD 1935										
Gillespie W; Macoupin; 8N; 7W														
	Pennsylvanian	525	1958	10	0.0	0.0	1	0	0	0	S	x	x	Pen
				ABD 1976										
Grandview-Inclose; Clark, Edgar; 12-13M; 13-14W														
	Pennsylvanian	400	1941	1460	49.9	x	72	7	4	18	S	2	M	Ord
	Salem, Mis	570		1420	40		71	7	4		ML		ML	
							1	0	0					
*Greenville Gas; Bond; 5N; 3W														
	Lindley, Mis	925	1910	180	0.0	990.0	4	0	0	0	S	x	A	Ord
				ABD 1923; REV 1957; ABD 1958										
*Griggsville; Pike; 4S; 3W														
	Silurian	360	1982	460	x	227.2	25	3	6	16	L	20	AU	Ord
*Hanco, Harco E, Harco S; Saline; 8S; 5E														
	Mississippian	360	1954	x	0.0	2646.0	0	0	0	4				Mis
*Harrisburg; Saline; 8S; 6E														
	Tar Springs, Mis	2085	1952	160	0.0	93.2	1	0	0	0	S	6	x	Mis
				ABD 1971										
*Herald C; Gallatin, White; 6-8S; 9-10E														
	Anvil Rock, Pen	700	1939	1080	0.0	x	19	0	0	0	S	25	A	Dev
	Pennsylvanian	1750		360			9	0	0		AL	18	AL	
	Waltersburg, Mis	2240		120			3	0	0			10	A	
	Tar Springs, Mis	2315		480			3	0	0			6	AL	
							4	0	0					
*Hornsby NW; Macoupin; 9N; 6W														
	Pennsylvanian	600	1982	150	0.0	0.0	7	1	1	0	S	15		Pen

Table 8 (continued)

Pool, county location by township and range	Pay zone Name and age	Depth (ft)	Year of proved discovery	Area in acres	Production MMCF		Number of wells					Pay zone Kind of rock	Thickness Zone	Deepest test Depth (ft)	
					During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned 1986	Pro- ducing end of year					
*Hutton; Coles; 11N; 10E															
	Pennsylvanian	620	1965	80	0.0	0.0	2	0	0	0	S	x	x	Ord	3437
*Jacksonville Gas; Morgan; 15W															
	Pennsylvanian	330	1910	1320	0.0	x	45	0	0	0	LS	5	ML	Ord	1390
*Johnson City E; Williamson; 8S; 3E															
	Tar Springs, Mis	1930	1965	80	0.0	998.0	4	0	0	1	S	10	x	Mis	2997
Kansas Gas; Edgar; 13N; 14W															
	Pennsylvanian	410	1958	30	0.0	x	3	0	0	0	S	x	x	Mis	778
*Keenville; Wayne; 1S; 5E															
	Salem, Mis	3620	1978	x	319.8	1508.2+	x	0	0	x	L	8	C	Dev	5050
*Lawrence; Lawrence; 3N; 12W															
	Spar Mt., Mis	2092	1975	20	0.0	0.0	2	1	0	0	S	4		Cam	9261
	McClosky, Mis	2050	1975	10			1	0	0		L	x			
Livingston E; Madison; 6N; 6W															
	Pennsylvanian	540	1951	60	0.0	0.0	3	0	0	0	S	12	x	Mis	815
*Livingston S; Madison; 6N; 6W															
	Pennsylvanian	530	1950	40	0.0	0.0	1	0	0	0	S	2	ML	Ord	2480
*++Louden; Fayette; 7N; 3E															
	Burtschi, Penn	1000	1937	1780	x	x	16	1	0	15	S	20	A		8616
	Tar Springs, Mis	1170		320			5	0	0		L	12	AL		
	Devonian	3150	1981	1440			9	1	0						
				30			3	1	0						
Macoupin Station; Macoupin; 9N; 8W															
	Pennsylvanian	337	1985	10	0.0	0.0	1	1	0	1	S	18		Pen	355
*Main C; Crawford, Lawrence; 5-8N; 10-14W															
	Robinson, Penn	1000	1906	x	169.3	x	x	4	0	x	S		M	Stp	5317
	Hardinsburg, Mis	1075		160			1	0	0		SS	40	ML		
	Cypress, Mis	1425		320			2	0	0		S	6	ML		
	Benoist, Mis	1500		x			1	0	0		S	9			
	Renault, Mis	1570	1980	10			1	0	0		S	8	ML		
	Aux Vases, Mis	1527	1959	70			9	1	0						
*Marion E; Williamson; 9S; 3E															
	Aux Vases, Mis	2406	1966	40	0.0	0.0	1	0	0	0	S	4	x	Mis	2642
*Marissa W (Gas); St. Clair; 3S; 7W															
	Cypress, Mis	241	1960	60	0.0	x	7	0	0	0	S	25		Ord	2413
*Mattoon; Coles; 12N; 7E															
	Devonian	3124	1948	1160	266.4	10576.4	38	0	0	16	L	4	A	Stp	4915
*Mt. Olive; Montgomery; 8N; 5W															
	Pottsville, Penn	605	1942	100	0.0	x	4	0	0	0	S	6	A	Sil	1878
New Athens Gas; St. Clair; 2S; 7W															
	Cypress, Mis	250	1961	250	18.5	545.0	10	0	0	3	S	13		Mis	400

Table 8 (continued)

Pool, county location by township and range	Pay zone Name and age	Depth (ft)	Year of dis- cov- ery	Area in acres	Production MMCF		Number of wells				Pay zone Kind rock ess	Deepest test Depth (ft)	
					During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned in 1986	Pro- duc- ing end of year			
*New Harmony C; White, Wabash, Edwards; 1N; 1-5S; 13-14W													
Pennsylvanian		764	1974	10	0.0	0.0	1	0	0	0	\$	12	Shk 7682
*New Hebron E; Crawford; 6N; 12W													
Robinson, Penn		866	1968	30	0.0	0.0	3	0	0	0	\$	x	Mis 1571
*Old Ripley; Bond; 5M; 4W													
Cypress, Mis		785	1981	10	0.0	0.0	1	0	0	0	\$	8	Ord 3085
*Omaha; Gallatin; 7-8S; 8E													
Palestine, Mis	1865	1940	130	0.0	221.4		5	1	0	0	\$	15	D D Dev 5320
Tar Springs, Mis	1900	1940	120				3	0	0	0	\$	15	D D Dev 5320
*Panama; Bond, Montgomery; 7N; 3-4W													
Pennsylvanian	575	1940	280	0.0	x		7	0	0	0	\$	30	A A Ord 2950
Benoist, Mis	865		160				3	0	0	0	\$	12	A A Ord 2950
*Phillipstown C; Edwards; 3S; 10E													
Bethel, Mis		1939	10	0.0	0.0		1	0	0	0	\$	x x	Dev 5350
Pittsburg; Williamson; 8S; 3E													
Tar Springs, Mis	1920	1962	40	23.2	192.8		4	0	0	2	\$	12	x Mis 2570
*Pittsburg N Gas; Williamson; 8S; 3E													
Hardinsburg, Mis	2151	1962	20	0.0	10.0		2	0	0	0	\$	6	Mis 3070
Pittsfield (Gas); Pike; 5S; 4-5W													
Niagaran, Sil	265	1886	8960	0.0	xxx		68	0	0	0	L	10	A PC 2226
			ABD 1930										
*Plainview; Macoupin; 8M; 8W													
Pennsylvanian	441	1961	130	0.0	0.0		9	1	0	0	\$	20	x Pen 563
*Plainview S; Macoupin; 8N; 8W													
Pennsylvanian	450	1984	40	0.0	0.0		5	0	0	0	\$	11	x Pen 642
*Prentice; Morgan; 16M; 8W													
Pennsylvanian	260	1953	310	210.7	x		7	0	0	0	\$	15	x Ord 1513
*Raleigh; Saline; 8S; 5-6E													
Waltersburg, Mis	2307	1962	60	0.0	585.5		3	0	0	0	\$	7	x Dev 5511
Aux Vases, Mis	2988	1983	50				2	0	0	0	\$	10	x Dev 5511
*Raleigh S; Saline; 8S; 5-6E													
Waltersburg, Mis	2014	1955	160	99.5	+ (INCLUDES 10 OIL WELLS)		19	2	0	17	\$	5	Mis 4400
*Raymond E; Montgomery; 10M; 4W													
Pennsylvanian	604	1983	20	0.0	0.0		2	0	0	0	\$	3	Mis 1008
Redmon N; Edgar; 14N; 13W													
Pennsylvanian	365	1955	50	0.0	0.0		2	0	0	0	\$	3	x Mis 450
++Richwood (Gas); Crawford; 6N; 11W													
Pennsylvanian	612	1959	160	0.0	28.6		4	0	0	0	\$	9	x Pen 1001

Table 8 (continued)

Pool, county location by township and range	Pay zone Name and age	Depth (ft)	Year of proven covery	Area in acres	Production MMCF		Number of wells					Pay zone Kind of rock ess	The- Str- uct- ure Zone	Deepest test Depth (ft)		
					During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	An- doned 1986	Pro- duc- ing end of year						
*Roland C; Gallatin; 7S; 8E																
	Waltersburg, Mis	2150	1940	160	0.0	0.0	1	0	0	0		S	19	AL	Oev	5271
Rushville NW; Schuyler; 2N; 2W																
	Silurian	576	1986	10	0.0	0.0	1	1	0	1		L	6		\$11	630
*Russelville Gas; Lawrence; 4-5N; 10-11W																
	Bridgeport, Penn	760	1937	1810	0.0	7081.6	61	0	0	0		S	15	A	Dev	3133
	Buchanan, Penn	1100		x			19	0	0			S	12	AL		
				ABD 1949			42	0	0							
*St. Jacob E; Madison; 3N; 6W																
	Hardin, Dev	1840	1980	10	0.0	29.7	1	0	0	1		S	8		Ord	2600
St. Libory; St. Clair; 1S; 6W																
	Cypress, Mis	622	1964	280	39.8	556.0	8	0	0	3		S	11	R	\$11	1997
	Benoist, Mis	754	1964	40			1	0	0			S	22	Rd		
	Aux Vases, Mis	825	1964	40			1	0	0			S	10	Rd		
	Silurian			160			4	0	0			S	R	Rd		
				160			4	0	0							
Siloam; Brown; 2S; 4W																
	Silurian	658	1983	10	0.0	0.0	1	1	0	1		L	3		\$11	726
Spanish Needle Creek (Gas); Macoupin; 9N; 7W																
	Pennsylvanian	305	1915	80	0.0	14.4	7	0	0	0		S	x	0	Trn	2070
*Sparta; Randolph; 4-5S; 5-6W																
	Cypress, Mis	850	1888	160	0.0	x	18	0	0	0		S	7	D	Trn	3130
*Staunton (Gas); Macoupin; 7N; 7W																
	Pennsylvanian	460	1916	400	0.0	1050.0	18	0	0	0		S	x	A	Ord	2371
*Stiritz; Williamson; 8S; 2E																
	Tar Springs, Mis	1951	1971	10	0.0	68.1	1	0	0	0		S	14		Dev	4669
Stolletown; Clinton; 3N; 3W																
	Pennsylvanian		1973	90	256.1	421.3	6	0	0	x		S			Oev	4669
	Cypress, Mis	970	1973	10			1	0	0			S	x			
				30			5	0	0							
*Storms C; White; 5-6S; 9-10E																
	Pennsylvanian	1090	1939	440	0.0	0.0	9	0	0	0		S	40	A	Oev	5308
	Waltersburg, Mis	2230		170			2	0	0			S	15	AF	AL	
*Stubblefield S; Bond; 4N; 4W																
	Pennsylvanian	590	1962	280	0.0	419.8	14	1	0	x		S	x	x	Oev	2455
	Cypress, Mis	920	1962	60			0	0	0			S	x	x		
*Sumner S; Lawrence; 3N; 13W																
	Aux Vases, Mis	2566	1959	40	0.0	0.0	2	0	0	0		S	10		Mis	3100
*Tamaroa; Perry; 4S; 1W																
	Cypress, Mis	1120	1942	20	0.0	0.0	2	0	0	0		S	13	AL	Trn	4287
++Tilden N Gas; Washington, St. Clair; 3S; 5-6W																
	Cypress, Mis	780	1961	x	0.0	x	0	0	0	0		S	25	C	Ord	2810

Table 8 (continued)

Pool, county location by township and range	Pay zone Name and age	Year Depth (ft)	Area dis- covery acres	Production MMCF		Number of wells					Pay zone Kind of rock ess	Deepest test Str- uct- ure Zone (ft)	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed to end of 1986	Aban- doned in 1986	Pro- duc- ing year				
Time; Pike; 6S; 3W													
	Silurian	336	1984	50	0.0	0.0	5	0	0	5	L	20	Sil 428
*Waggoner; Montgomery; 11N; 5W													
	Pottsville, Penn	523	1959	10	21.7	126.4	1	0	0	1	S	2	x Sil 1945
*++Wamac E; Marion; 1N; 1E													
	Petro, Penn	856	1958	90	0.0	x	9	0	0	0	S	x M	Dev 3405
*++Waverly; Morgan; 13N; 8W													
	Pennsylvanian	250	1946	900	0.0	0.0	8	0	0	0	S	13 A	Ord 2070
	Devonian	1000		160			1	0	0		L	10 AL	
	Trenton, Ord	1513	1963	700			6	0	0		L	A	x
				40			1	0	0				
*Westfield E; Clark; 12N; 14W													
	Pennsylvanian	400	1947	60	0.0	0.0	3	0	0	0	S	11 NL	Mis 795
Woodburn N; Macoupin; 7N; 8W													
	Pennsylvanian	381	1986	10	0.0	0.0	1	1	0	1	S	11	Mis 582
Totals for Illinois (estimated)				39,240	1,887.5	41,167.8	993	41	12	216			

